



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
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नई दिल्ली शनिवार, अप्रैल 8, 1995 (चैत्र 18, 1917)

No. 14]

NEW DELHI, SATURDAY, APRIL 8, 1995 (CHAITRA 18, 1917)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

CALCUTTA, 08TH APRIL, 1995

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office Branch, Todi
Estates, III Floor, Lower
Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
"NIZAM PALACE", 2nd M. S. O.
Building, 5th, 6th and 7th
Floor, 234/A, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 8 अप्रैल 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोली इस्टेट,
नीमरा तल, लोअर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोले बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्काय तथा एन्डिमिदिब द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बाग रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, निवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय से नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुमति बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India Part III Section-2, dated 08-10-1994, Page 894 Column-2 under heading “Cessation of Patents”

Delete-Patent No. 154804.

Under the heading ‘Patent Sealed’ in the Gazette of India, Part-III, Sec-2, dated 9-12-94 notified on 7-1-95 read Patent No. 173406 under ‘Drug’ category.

In the Gazette of India, Part-III, Section-2, dated the 17th September, 1994.

(a) In page, 842, column, 1 for application for Patent No. 606/Mas/89 filed on 14th August, 1989 read the accepted No. as 174127 instead of 174126.

(b) In page, 843, column 1 for application for Patent No. 531/Mas/89 filed on 12th July, 1989 read the accepted No. as 174126 instead of 174127.

REGISTRATION AS A PATENT AGENT

The following persons have been registered as a Patent Agent under Section 126(1) (c) (i) of the Patents Act, 1970.

1. A. Abdul Rahim,
A-100, 3rd Avenue,
Anna Nagar
Madras-600102.

2. J. K. Gupta,
Singhania & Co.,
Solicitors & Advocates,
B-92, Himalaya House,
23, Kasturba Gandhi Marg,
New Delhi-110001.

3. N. K. Acharya,
8-3-961, Srinagar Colony Road,
Hyderabad-500873,
Andhra Pradesh.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by M/s. Hindustan Lever Limited, of 165/166 Backbay Reclamation, Bombay 400 020, Maharashtra, India, a company incorporated under the Indian Companies Act, 1913 by way of disclaimer in respect of Patent Application No. 171764 (332/BOM/1990) as advertised in Part III, Section 2 of Gazette of India dated 8-1-1994 and no opposition being filed within the stipulated period, the said amendments have therefore been allowed.

The amendment proposed by M/s. HARISH TEXTILE ENGINEERS LTD. of 19, Parsi Panchayat Road, Andheri (East), Bombay 400 069, Maharashtra, India, in respect of Patent Application No. 172671 (71/BOM/1990) as advertised in Part III, Section 2 of Gazette of India dated 1-10-1994 and no opposition being filed within the stipulated period the said amendments for change of address for service have been allowed.

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD,
CALCUTTA-20.

The following persons have been registered as a Patent
under section 135, of the Patent Act, 1970.

15-02-1995.

- 155/Cal/95 Harnischfeger Corporation. Apparatus and method for mounting a machine component on a support structure.
- 156/Cal/95 Erowa Ag. A device for connecting a work-piece to a machining apparatus.
- 157/Cal/95 Erowa Ag. An apparatus for clamping work pieces.
- 158/Cal/95 E.I. Du Pont De Nemours and Company. Arthropodocidal 2-Oxa and Thia-Zolines.
- 159/Cal/95 Agrisense-BCS Limited. Insect Attractant formulation.
- 160/Cal/95 De Nora Permelec S. P. A. Electrolyzers for the production of sodium hypochlorite and chlorate equipped with improved electrodes.
- 161/Cal/95 Wolfgang Neifer. Chip card reader. (Convention No. p4442007.2; filed 28-11-94; Germany.).

16-02-1995.

- 162/Cal/95 (1) General Electric Company. (2) Ila International Ltd. Method for purification of phenol.

17-02-1995

- 163/Cal/95 Santanu Roy. A Novel Process for the manufacture of Commercially important products from fermentation broths using polysaccharides and/or cellulosic materials.
- 164/Cal/95 Commonwealth Scientific and Industrial Research Organisation. Antiviral Agents. (Convention Nos. are PM3934/94, PNO320/94; dated 17-2-94, 23-12-94; Australia)
- 165/Cal/95 Dr. Med. Werner Ch. Nawrocki. Process for obtaining ultra pure egg oil and its, use. (Convention No. P4405486.6; dated 21-2-94; Germany).
- 166/Cal/95 Goldstar Co. Ltd. Retractable type temperature control panel apparatus for refrigerator.
- 167/Cal/95 Dr. Dipak Sarkar. Vital force water.

20-02-95.

- 168/Cal/95 Rapid Building systems Pty Ltd. Means and method for the manufacture of building panels.
- 169/Cal/95 E.I. Du Pont De Nemours and company. Insect baculovirus compositions. (Convention No. 237,541; dated 3-5-94; U.S.A.)

APPLICATION FOR PATENTS FILED AT
THE PATENT OFFICE BRANCH,
61, WALLAJAH ROAD, MADRAS-600 002.

30th January, 1995.

Sanghi Polyester Ltd.

- 92/MAS/95 Improvement and in or relating to manufacturing purified terephthalic acid (P.T.A.)
- 93/MAS/95 Mrs. Sathish Babu. Ecutorial mount satellite dish antenna for easy track of geo-stationary orbiting satellites under trade name of wintron.
- 94/MAS/95 Qualcomm Incorporated. Vocoder Asic
- 95/MAS/95 Qualcomm Incorporated. Doubletalk detection by means of spectral content.

96/MAS/95 Qualcomm Incorporated. Reverse Link. Transmit power correction and limitation in a radio-telephone system.

97/MAS/95 Qualcomm Incorporated. Method and apparatus for automatic gain control in a digital receiver.

98/MAS/95 Qualcomm Incorporated. Method and apparatus for providing a communication link quality indication.

99/MAS/95 Qualcomm Incorporated. Method and apparatus of providing audio feedback over a digital channel.

100/MAS/95 Qualcomm Incorporated. Dynamic sectorization in a spread spectrum communication system.

101/MAS/95 Qualcomm Incorporated. Method and apparatus for automatic gain control and DC offset cancellation in quadrature receiver.

102/MAS/95 Mannesmann Aktiengesellschaft. Continuous casting mould for guiding billets.

103/MAS/95 Esselte Meto International GMBH. Hand-held labelling or printing device.

104/MAS/95 Esselte Meto International GmbH. Printing mechanism.

31st January, 1995.

105/MAS/95 Lucas Industries Public Limited Company. Brake and actuator assembly. (February 1, 1994; United Kingdom).

106/MAS/95 Institute Francais Du Petrole. Process for the pretreatment of a natural gas containing hydrogen sulphide.

107/MAS/95 Hoechst Aktiengesellschaft. Mixtures of polyarylene sulfones with polyarylene sulfoxide and polyarylene sulfides.

108/MAS/95 Tetra Laval Holdings & Finance SA. Method of finishing and filling packaging containers.

109/MAS/95 The Boots Company Plc. Therapeutic agents. (February 1, 1994; Great Britain)

110/MAS/95 The Boots Company Plc. Therapeutic agents. (February 1, 1994; United Kingdom).

111/MAS/95 The Boots Company PLC. Therapeutic agents. (February 1, 1994; United Kingdom).

112/MAS/95 A. Ahlstrom Corporation. Pressurised fluidised bed reactor.

113/MAS/95 Manegro Comercio Ltd. Composite yarn for manufacturing of braided packings, braided packing and process for forming the said composite yarn.

114/MAS/95 Micrilor, Inc. A high-data-rate wireless local-area network.

1st February, 1995.

115/MAS/95 C. Raja Reddy. An electro-mechanical energy exchanger, elmex, that can convert electrical energy into reciprocating mechanical energy or vice-versa.

116/MAS/95 C. Raja Reddy. A plant that separates and guides ions in a solution containing positive and negative ions, so as to bring about desired physical changes, chemical reactions or biological changes.

117/MAS/95 Elementrix Technologies Ltd. Protected communication method and system.

118/MAS/95 Baron Technologies Ltd. Handwriting input apparatus using more than one sensing technique.

119/MAS/95 Baron Motion Communications, Inc. Improved information input apparatus.

120/MAS/95 F.L. Smidth & Co. A/S. Method for conveying 1 of dry pulverulent 1 material.

121/MAS/95 Pormea Inc. Process for producing composite membranes.

122/MAS/95 Ruhrkohle AG. A method of spraying transport vehicles.

2nd February, 1995.

123/MAS/95 Ruddarraju Satyanarayana Raju. Electronic device for measuring level and specific gravity of liquids.

124/MAS/95 AT&T Corporation. Dynamically programmable bus arbiter with provisions for historical feedback and error detection and correction. (February 15, 1994; Canada).

125/MAS/95 AT&T Corp. Integrated circuit devices with solderable lead frame.

126/MAS/95 AT&T Corp. System and method to identify the terminating directory number at the customer premises. (February 15, 1994; Canada).

127/MAS/95 AT&T Corp. Method and apparatus for adaptive clock recovery. (February 16, 1994; Australia).

128/MAS/95 Minnesota Mining and Manufacturing Company. An inexpensive hook fastener portion.

3rd February, 1995.

129/MAS/95 AT&T Corp. Detection of modifications in computer programs.

130/MAS/95 Basf Corporation. Multi-compartment drum.

131/MAS/95 Urea Casale SA. Reactor for two-phase reactions, in particular for urea synthesis at high pressure and temperature.

132/MAS/95 Safe Seal Company Inc. Friction Welding Apparatus.

133/MAS/95 Framatome Connectors International. Method of milling at least a localised region of a work-piece.

6th February, 1995

134/MAS/95. V.S. Prabhakar. Improved multi jet cleaner used for cleaning containers, tanks & Allied.

135/MAS/95. Jakka Suryaprakash and Cotla Shree Vamsai Mohan Reddy. Selflocking device for fluid flow control.

136/MAS/95. Umashankarappa. Developed time relay device.

137/MAS/95. Sree Chitra Tirunal Institute for Medical Sciences & Technology. The ventilator alarm.

138/MAS/95. Minnesota Mining and Manufacturing Company. Method and apparatus for attenuating optical chatter marks on a finished surface.

139/MAS/95. AT & T Corp. Selecting screening of incoming calls for cellular telephone systems.

140/MAS/95. Hoechst Aktiengesellschaft. Improved, induction free process for the recombinant preparation of glutarylaminidase.

141/MAS/95. Max-medical Pty Ltd. A mixing and monitoring apparatus.

7th February, 1995

142/MAS/95. T. Elumalai. Hyd Bottle Jack

(a) 10 Ton Capacity Hyd Jack for heavy vehicle (Lorry).

(b) 5 Ton Capacity Hyd Jack for light vehicle (Van).

(c) 2 Ton Capacity Hyd Jack for small vehicle (Car).

143/MAS/95. Whitford Corporation. Basecoat for a coating system.

144/MAS/95. Allseas Group SA. Method and Installation for laying a pipeline on a floor located under water, bearing means and terminal.

145/MAS/95. Dravo Lime Company. Magnesium-enhanced lime scrubbing of sulfur dioxide with production of a high solids content. (October 7, 1994; Canada).

146/MAS/95. T. Sendzimir Inc. Improved profile adjustment for cluster mills.

147/MAS/95. Vorwerk & Co. Interholding GmbH. Vacuum Pipe Connector.

148/MAS/95. ELF Atochem S.A. 1. Process for the purification of pentafluoroethane.

149/MAS/95. Rhone-Poulenc Chimie. Hydroxybenzaldehyde preparation process.

8th February, 1995

150/MAS/95. BASF Aktiengesellschaft. The preparation of chlorinated violanthrones or isoviolanthrones.

151/MAS/95. Shinagawa Refractories Co., Ltd. Method for producing silica brick.

152/MAS/95. Reynard CVC, Inc. Storage container for information-bearing disc devices.

9th February, 1995

153/MAS/95. Enichem S.p.A. and Snamprogetti S.p.A. Integrated process for the simultaneous production of alkyl tert-butyl ethers and 1-butene.

154/MAS/95. Nuovo Pignons S.p.A. Improved device for measuring the warp yarn tension in a loom.

10th February, 1995

155/MAS/95. Shanmugavadivel Balamurugan and Subban Jayaprakash. Revolving disc.

156/MAS/95. Maschinen fabrik Rieter AG. Sliver monitoring device.

Application for the Patent filed at Patent Office Branch, Municipal Market Building, 3rd floor, Karol Bagh, New Delhi-110 005

10th October 1994

1272/Del/94 The Procter & Gamble Company, U.S.A. One piece dosing and Dispensing device attachment to a container. (Convention date 18-10-1993) U.K.

1273/Del/94 The Procter & Gamble Company, U.S.A. Oral compositions.

1274/Del/94 The Bfgoodrich Company, U.S.A. Polyurethane composition for use as dispersing binder.

1275/Del/94 Nippondenso Co. Ltd., Japan. Electric rotating machine.

1276/Del/94 Zeneca Limited, England, Antimicrobial treatment of textile materials. (Convention date 27-10-1993) U.K.

1277/Del/94 South African Druggists Limited, South Africa. Inclusion complex.

11th October 1994

1278/Del/94 Sir Padampat Research Centre, India. An improved process for the manufacture of pigmented polycarboamide.

1279/Del/94 Zeneca Limited England. Dyes. (Convention date 28-10-1993 (U.K.).

12th October 1994

- 280/Del/94 General Electric Environmental Services, Inc. U.S.A. Performance enhanced limestone based wet flue gas desulfurization system.
- 281/Del/94 Niels Erik Thorup Pedersen Denmark. Beverage infuser unit.

13th October 1994

- 282/Del/94 Kvaerner Earl and Wright, England. Off-shore tower structure and method of installation. Convention date 13-10-93 (U.K.).
- 283/Del/94 Singer India Limited, India. Zig zag sewing machine.
- 284/Del/94 Jervis B. Webb International Company, U.S.A. Method and apparatus for belt conveyor load tracking.
- 285/Del/94 Jervis B. Webb International Company, U.S.A. early bag storage system.

13th October 1994

- 286/Del/94 Procter & Gamble Company, U.S.A. Oral compositions.
- 287/Del/94 Procter & Gamble Company, U.S.A. Heat splicing of thermoplastic film.
- 288/Del/94 Us'nor Sacilor Societe Anonyme, Germany. Casting on one or between two rolls.
- 289/Del/94 W. R. Grace & Co. Conn. U.S.A. Water-proofing membrane.
- 290/Del/94 L'Air Liquide, Societe Anonyme Pour L (Etupe Et L'Exploitation Des Procedes Georges Claude. Liquid distributor for heat and mass exchange device, distillation column comprising such a distributor and use of such a column for distillation of air.

17th October 1994

- 1291/Del/94 General Manager Rail Coach Factory, Qapurthala, Punjab. Self driven industrial vacuum sweeper.
- 1292/Del/94 The procter & Gamble Company, U.S.A. Package assembly for Granular product. (Convention date 18th October, 1993 and 14th December, 1993) U.K.
- 1293/Del/94 BP Chemicals Limited England. Acetylation of lignocellulosic materials. (Convention date 28th October, 1993) U.K.
- 1294/Del/94 Motorola, Inc., U.S.A. Apparatus for automatically controlling the routing of messages in a selective signaling system.
- 1295/Del/94 Gomaco India Pvt. Ltd., New Delhi. A Paving machine.

18th October 1994

- 1296/Del/94 Sir Padampat Research Centre, Kota (Rajasthan). A process for the manufacture of pigment formulation.
- 1297/Del/94 Cosmo Films Limited, New Delhi. A tracing film.
- 1298/Del/94 Cosmo Films Limited, New Delhi. A matte film.
- 1299/Del/94 Alliedsignal Inc., U.S.A. Backlighting apparatus employing an array of Microprisms.
- 1300/Del/94 The Gillette Company, U.S.A. Aqueous inks.
- 1301/Del/94 Alliedsignal Inc., U.S.A. Backlight assembly for an electro-optical display.
- 1302/Del/94 Rhone-Poulenc Rorer S.A., France. Process for the preparation of oral compositions containing quinolones.

- 1303/Del/94 Radopath Limited, Channel Islands. Anti-viral agents. (Convention date 19th October, 1993) U.K.

- 1304/Del/94 Dr. Rajesh Uppal, New Delhi. A device for imaging, location and biopsy of breast lesions on CT or MRI.

- 1305/Del/94 Dr. Rajesh Uppal, New Delhi. A device for performing CT/MRI guided biopsy.

19th October 1994

- 1306/Del/94 A P I Polymers (India) Limited, Delhi. Improvements in or relating to footwear.

- 1307/Del/94 Ashok Goel, U.P. A pillow for the use of neck or head, Ortho pilo.

- 1308/Del/94 Societe Civile Des Brevets Henri Vidal France. Strip for use in stabilised earth structures. (Convention date 22nd October, 1993 and 23rd August, 1994) U.K.

- 1309/Del/94 Otis Elevator Company, U.S.A. Remote monitoring system with variable period communication check.

19-10-94

- 1310/Del/94. C.H.L.C. Inc., China. "Electric Heating Device with separate heating zone and heating time controls.

- 1311/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "Discriminating between stationary and non-stationary signals."

- 1312/Del/94. CHMT Technology (Australia) Pty. Ltd., Australia, "Improvements relating to reclaiming Tread Rubber from vehicle tyres." (Convention date 20th October, 1993)—Australia.

- 1313/Del/94. Radopath Limited, Chennel Islands, "Anti-Viral Agents." (Convention date 19th October, 1993)—U.K.

20-10-94

- 1314/Del/94. CRS Holdings, Inc., U.S.A., "Corrosion-Resistant Magnetic Material."

- 1315/Del/94. The Procter & Gamble Company, U.S.A., "Method of making an absorbent article using an activatable composite elastic member." (Convention date 1st November, 1993)—U.K.

- 1316/Del/94. The Procter & Gamble Company, U.S.A., Catamenial absorbent structures having thermally bonded layers for improved handling of Menstrual Fluids, and their use in Catamenial Pads having improved fit and comfort."

- 1317/Del/94. Rittal-Werk Rudolf Loh GMBH & Co. KG., Germany, "Switchgear Cabinet with a Framework Composed of Frame Members.

- 1318/Del/94. Rittal-Werk Rudolf Loh GMBH & Co. KG., Germany, Switchgear Cabinet with Rack RX framework and door members."

- 1319/Del/94. As ra Aktiebolag, Sweden, "Device for mixing a pharmaceutical composition with another agent."

- 1320/Del/94. Rittal-Werk Rudolf Loh & GMBH & Co. KG., Germany, Rack X framework for a switchgear Cabinet."

- 1321/Del/94. Rittal-Werk Rudolf Loh GMBH & Co. KG., Germany, "A framework for a switchgear Cabinet."

- 1322/Del/94. Rittal-Werk Rudolf Loh GMBH & Co. KG., Germany, "Frame Member for a framework of a switchgear cabinet."

21-10-94

- 1323/Del/94. Suresh Narain Mathur, Delhi—UP Border, "Synthetic Grass."

- 1324/Del/94. Suresh Narain Mathur, Delhi—UP Border, A ready reckoner."

- 1325/Del/94. Flex Industries Limited, New Delhi, "Improvement in or relating to pouch, Bag."
- 1326/Del/94. The Gillette Company, U.S.A., "Liquid Ink."
- 1327/Del/94. ICI Australia Operations Proprietary Limited, Australia, "Alkoxylation Process." (Convention date 22nd October, 1993 and 22nd October, 1993)—Australia.
- 1328/Del/94. GEC Alsthom Stein Industrielle, France, "A device for regulating the flow of a fluid."
- 1329/Del/94. L'Air Liquide, Societe Anonyme Pour l'Etude ET L'Exploitation Des Procèdes Georges Claude, France, "Process and installation for the cryogenic purification of hydrogen."

21-10-94

- 1330/Del/94. Walker Asset Management Limited Partnership, U.S.A., "Improved remote sensing system."
- 1331/Del/94. Nippon Steel Corporation, Japan, "Thin steel sheet having excellent stretch-flange ability and process for producing the same."
- 1332/Del/94. Kabelschlepp Gesellschaft MIT Beschränkter Haftung, Germany, "Feeder Chain."

24-10-94

- 1333/Del/94. Vimal Seth, New Delhi, "Pulsar the intermittent pneumatic compression system."
- 1334/Del/94. International Business Machines Corporation, U.S.A., "Optical data storage cartridge system."
- 1335/Del/94. The Procter & Gamble Company, U.S.A., "Process for making high density detergent agglomerates from starting detergent ingredients in a single mixer/densifier."
- 1336/Del/94. The Procter & Gamble Company, U.S.A., "Softening through the wash composition." (Convention date 11th November, 1993)—U.K.
- 1337/Del/94. The Procter & Gamble Company, U.S.A., "Granular detergent composition." (Convention date 11th November, 1993)—U.K.
- 1338/Del/94. Corning Incorporated, U.S.A., "Color filter and method of printing."
- 1339/Del/94. Motorola, Inc., U.S.A., "Method and apparatus for identifying a transmitter in a radio communication system."
- 1340/Del/94. Vikas Bajaj and A. K. Madan, New Delhi, "A process for the preparation of urea inclusion compounds of vitamin E and its esters."

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- 1341/Del/94. The Procter & Gamble Company, U.S.A., "Multi-ply facial tissue paper product comprising chemical softening compositions and binder materials."
- 1342/Del/94. The Procter & Gamble Company, U.S.A., "Multi-ply facial tissue paper product comprising biodegradable chemical softening compositions and binder materials."
- 1343/Del/94. The Procter & Gamble Company, U.S.A., "Trisection sanitary napkin."
- 1344/Del/94. International Business Machines Corporation, U.S.A., "Individual MR transducer head/disk/channel adaptive bias current system."
- 1345/Del/94. International Business Machines Corporation, U.S.A., "Process for Texturing Brittle Nonmetallic surfaces such as Glass Disks."
- 1346/Del/94. Amoco Corporation, U.S.A., "Method for producing Methane-containing gaseous mixtures."
- 1347/Del/94. Amoco Corporation, U.S.A., "Method for producing Methane-containing gaseous mixtures."

- 1348/Del/94. Amoco Corporation, U.S.A., "Coalbed methane recovery using membrane separation of Oxygen from Air."
- 1349/Del/94. L'Air Liquide, Societe Anonyme Pour l'Etude ET L'Exploitation Des Procèdes Claude, France, "Process and installation for the production of Carbon Monoxide."
- 1350/Del/94. Platipus Anchors Limited, U.K., "Improvements in connecting means." (Convention date 3rd November, 1993, 3rd November, 1993 and 17th May, 1994)—U.K.

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- 1351/Del/94. Aga Aktiebolag, Sweden, "An Airbag filling arrangement."
- 1352/Del/94. Motorola, Inc., USA, "A method and apparatus for enhancing an operating characteristic of a Radio Transmitter."
- 1353/Del/94. Electrosci Incorporated, U.S.A., "Electrolytic Cell for producing a mixed oxidant gas."
- 1354/Del/94. Solvay, Belgium, "Catalytic system which may be used for the polymerization of Alpha-Olefins and process for this polymerization."
- 1355/Del/94. Loganath Ganesh, New Delhi, "A Reeling cum Twister."
- 1356/Del/94. The Chief Controller of Research and Development, Ministry of Defence, New Delhi, "A process development of insecticide impregnated Chalk Stick "Roachline" for control of various species of Cockroaches."
- 1357/Del/94. Rishpal Singh, Distt. Patiala, "A Carburetor for use in Vehicle."

27-10-94

- 1358/Del/94. Orbital Engine Company (Australia) Pty. Ltd. Australia, "Improvements relating to formation and delivery of an atomised liquid." (Convention date 28th October, 1993)—Australia.
- 1359/Del/94. Motorola, Inc., USA, "Method and apparatus for multi-phase component downconversion."
- 1360/Del/94. The Standard Oil Company, America, "A process for making a polymer of Acrylonitrile, Methacrylonitrile and Olefinically Unsaturated Monomers."
- 1361/Del/94. The Standard Oil Company, U.S.A., "A process for making an Acrylonitrile/Methacrylonitrile Copolymer."
- 1362/Del/94. GEC Alsthom T&D SA., France, "A Rogowski coil usable in a grounded metal clad electrical installation, and a method of manufacturing such a Coil."

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- 1363/Del/94. Council of Scientific and Industrial Research, New Delhi, "A process for the production of Bifunctional Glucose and Cellobiose Inhibition Resistant Cellulase from a new Microorganism *Bacillus Subtilis*."
- 1364/Del/94. Council of Scientific and Industrial Research, New Delhi, "A process for the production of Cellulolytic *E. Coli*."
- 1365/Del/94. Council of Scientific and Industrial Research, New Delhi, "A process for the production of Bifunctional Cellulase from *E. Coli*."
- 1366/Del/94. Council of Scientific and Industrial Research, New Delhi, "A process for the isolation of a new cellulolytic organism belonging to the species *bacillus-subtilis*."

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- 1367/Del/94. Pradeep Kumar Rohatgi, New Delhi, "Non-ferrous cast metal matrix composites."

- 1368/Del/94. Bikshandar Kovil Amirthalingam Rama Chandran, New Delhi, "A liquid filling machine."
- 1369/Del/94. The Procter & Gamble Company, U.S.A., "Cleaning methods and compositions for produce."
- 1370/Del/94. The Procter & Gamble Company, U.S.A., "Laundry detergent compositions." (Convention date 3rd November, 1993)—U.K.
- 1371/Del/94. The Procter & Gamble Company, U.S.A., "Detergent compositions which provide dye transfer inhibition benefits."
- 1372/Del/94. The Procter & Gamble Company, U.S.A., "Absorbent material comprising a porous macrostructure of absorbent gelling particles."
- 1373/Del 94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Start inhibition control system for a Motorcycle."
- 1374/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Vibration detecting device and vehicle load simulator using the device."
- 1375/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Battery coupler with fuses."
- 1376/Del/94. Colgate-Palmolive Company, U.S.A., "Low silicone hair conditioning shampoo and non-silicone hair conditioning/style control shampoo."
- 1377/Del/94. Colgate-Palmolive Company, USA, "Gelled Light Duty Liquid Detergent."
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- 1378/Del/94. Goldstar Co. Ltd., Korea, "Door Handle of Electronic Goods."
- 1379/Del/94. Platinum Plus, Inc., U.S.A., "Method for reducing harmful emissions from two-stroke engines."
- 1380/Del/94. Bharat Heavy Electricals Limited, Puna, "A process for manufacture of phosphorous emitter junction in polycrystalline silicon substrates."
- 1381/Del/94. Kuljit Singh, Delhi, "Process for manufacture of impregnating pitch with Q.I. of 0.5% max when tested by ASTM method."
- 1382/Del/94. The Procter & Gamble Company, U.S.A., "Protease-containing cleaning compositions."
- 1383/Del/94. The Procter & Gamble Company, U.S.A., "Bleaching compositions comprising protease enzymes."
- 1384/Del/94. Genencor International, Inc., U.S.A., "Subtilisin Variants."
- 1385/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "Digital control channels having logical channels for multiple access Radiocommunication."
- 1386/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "A method and apparatus for locating a digital control in a Radiocommunication System."
- 1387/Del/94. Motorola, Inc., U.S.A., "Method of remote launching applications in a message delivery system."
- 1388/Del/94. Square D Company, U.S.A., "Device for changing the run direction of a prebussed rigid conduit electrical distribution system."
- 1389/Del/94. Berwind Pharmaceutical Services, Inc., U.S.A., "Enteric film coatings compositions, method and coating therewith and coated forms."
- 1390/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "Enhanced sleep mode in Radiocommunication system."
- 1391/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "Layer 2 protocol in a cellular communication system."
- 1392/Del/94. Davy McKee (Stockton) Limited, England, "Chilling of hot bodies." (Convention date 3rd November, 1993, U.K.).

- 1393/Del/94. Solvay Deutschland GMBH, Germany, "A process for treating waste water containing organic and inorganic compounds."
- 1394/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "A message transmission system and method for a radiocommunication system."
- 1395/Del 94. Telefonaktiebolaget LM Ericsson, Sweden, "Automatic retransmission request."
- 1396/Del/94. Motorola, Inc., U.S.A., "LCD Facsimile Transmission."
- 1397/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "Method for communicating in a wireless communication system."

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- 1398/Del/94. BP Chemicals Limited, England, "Process for the preparation of catalysts for use in the production of Vinyl Acetate." Convention date 19th November, 1993, U.K.
- 1399/Del/94. Ericsson GE Mobile Communications Inc., U.S.A., "Multi-processor data memory sharing."
- 1400/Del/94. Alliedsignal Inc., USA, "Optical phase retardation film."
- 1401/Del/94. Alliedsignal Inc., U.S.A., "Optical element for use in an array of Optical elements in a display arrangement."

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- 1402/Del/94. Rollatainers Limited, Haryana, "A hole forming device."
- 1403/Del/94. Joseph Anderson, U.S.A., "Apparatus, system and method for treating process material such as waste material."
- 1404/Del/94. Deutsche Aerospace AG., Germany, "Pyrotechnical Rescue & Emergency Apparatus."
- 1405/Del/94. Motorola, Inc., U.S.A., "Apparatus for sharing Signaling formats on a communication channel."
- 1406/Del/94. Motorola, Inc., U.S.A., "Method and apparatus for wireless local loop operation."
- 1407/Del/94. Westinghouse Air Brake Company, U.S.A., "A female connection member for slackless drawbar assembly."

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- 1408/Del/94. The Procter & Gamble Company, U.S.A., "Hypochlorite bleaching compositions." Convention dates: 11th November, 1993, 22nd February, 1994 & 24th June, 1994, U.K.
- 1409/Del/94. Castrol Limited, U.K., "Lubrication of refrigeration compressors". Convention dates : 6th November, 1993 & 27th July, 1994, U.K.
- 1410/Del/94. University of Leeds, U.K., "Textile Treatment." Convention dates : 4th November, 1993 & 8th August, 1994, U.K.
- 1411/Del/94. Motorola, Inc., U.S.A., "Method and apparatus for creating a composite waveform."

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- 1412/Del/94. Gurbaksh Singh, "New Delhi", "Equipment for quality production of precast reinforced concrete elements like door/window frames, fencing posts, fence elements, roofing battens, channel slabs, tree guards etc."
- 1413/Del/94. Hara Shokki Seisakusho, Ltd., Japan, "Nipper apparatus for use in conber."
- 1414/Del/94. Apotex Inc., Canada, "Process for producing simvastatin and analogs thereof."

- 1415/Del/94. Attexor Equipments SA, Switzerland, "Tool for making joints between sheet-formed members, metal or non metal."
- 1416/Del/94. Suresh Narain Mishra, Rampur, Delhi—U.P., "A plastic moulded barber's Apron."
- 1417/Del/94. The Whitaker Corporation, U.S.A., "Surface mountable board edge connector."
- 1418/Del/94. Baxter International Inc., U.S.A., "Polymeric compositions for medical packaging and devices."
- 1419/Del/94. Baxter International Inc., U.S.A., "Multi-layered polymer based film structure for medical grade products."

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- 1420/Del/94. Dewankraft Systems Pvt., Ltd., New Delhi, "A process of treating liquid waste."
- 1421/Del/94. Sanjeev Bhambi, Haryana, "Instant water cum steam device/producer."
- 1422/Del/94. General Electric Company, U.S.A., "Method of preparing polyurethane foam of low thermal conductivity."
- 1423/Del/94. General Electric Company, U.S.A., "Insulating foam of low thermal conductivity and method of preparation."
- 1424/Del/94. Kansas State University Research Foundation, U.S.A., "Method and composition of treating aqueous iodide solutions."
- 1425/Del/94. Catalina Coatings, Inc., U.S.A., "Acrylate coating."
- 1426/Del/94. Kansas State University Research Foundation, U.S.A., "Method of treating water with resin bound ionc silver."

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- 1427/Del/94. Steel Authority of India Limited, New Delhi, "An improved process of manufacturing single-phase launders for tapping molten metal from furnaces."
- 1428/Del/94. Goldstar Co., Ltd., Korea, "A multifunction refrigerator."
- 1429/Del/94. Nilkant Ratnakar Dongre and Deepak Shriram, New Delhi, "A floating device for immersion heaters."
- 1430/Del/94. International Business Machines Corporation, U.S.A., "Multilayer Magnetoresistive Sensor."
- 1431/Del/94. E.R. Squibb & Sons, Inc., USA, "Process and intermediates for Beta-Lactams having Aminothiazole (Iminooxycetic Acid) Acetic Acid sidechains."
- 1432/Del/94. Alliedsignal Europe Services Technique, France, "Automatic adjustment strut for a drum brake."
- 1433/Del/94. Antra Aktiebolag, Sweden, "Substituted benzimidazole, processes for its preparation and its pharmaceutical use."
- 1434/Del/94. W.R. Grace Limited, England, "Field Weld Protection System." (Convention date 9th December, 1993)—U.K.
- 1435/Del/94. Cableshare, Inc., Canada, "Television system Distributing a dynamically varying presentations over a single television channel."

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- 1436/Del/94. O. P. Khanna, Delhi "Eye Massager."
- 1437/Del/94. The procter & Gamble Company, U.S.A., "Improved Acyl Isethionate Skin Cleansing Bar containing liquid polyols and magnesium soap."

- 1438/Del/94. The Procter & Gamble Company, U.S.A., "Topped, Distilled, Cocoyl Isethionate Skin Cleansings Bar."

- 1439/Del/94. The Procter & Gamble Company, U.S.A., "Cleansing compositions." (Convention date 11th November, 1993)—U.K.

- 1440/Del/94. Jervis B. Webb International Company, U.S.A., "Over and under Bel. Conveyor System."

- 1441/Del/94. The Procter & Gamble Company, U.S.A., "Inflated, self standing flexible pouch." (Convention date 15th November, 1993)—U.K.

- 1442/Del/94. The Gillette Company and CF Technologies, Inc., USA, "Method of forming particles using a supercritical fluid, aerogel particles formed thereby, and antiperspirants containing aerogel particles."

- 1443/Del/94. Motorola, Inc., U.S.A., "Neutron Circuit."

- 1444/Del/94. Hi-Tec Metals Ltd., England, "A casting apparatus and method." (Convention date 11th November, 1993)—U.K.

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- 1445/Del/94. Lucky Ltd., Korea, "Novel Herbicidal Pyrimidine derivatives, process for preparation thereof and their use as Herbicide."

- 1446/Del/94. DPF Global Inc., U.S.A., "Apparatus for forming Adobe Blocks."

- 1447/Del/94. DPF Global Inc., USA, Adobe Block Press."

- 1448/Del/94. Focac Limited, England, "An apparatus and method for unwrapping fibre optic cable from an overhead line." (Convention date 12th November, 1993)—U.K.

- 1449/Del/94. CEC Alsthom Stein Industrie, France, "A circulating fluidized bed reactor having extension to its heat exchange area."

- 1450/Del/94. Shell Internationale Research Maatschappij B.V., Netherlands, "Block Copolymers having improved combinations of properties."

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- 1451/Del/94. International Business Machines Corporation, U.S.A., "Shared Bus Non-Sequential Data Ordering Apparatus."

- 1452/Del/94. DE, LA. RUE GIORI S.A., Switzerland, "Apparatus for Producing Packs of Notes from Bundles of Notes of Value."

- 1453/Del/94. The Procter & Gamble Company, U.S.A., "Multi-Topography substrate having selectively Disposed Osmotic Absorbent, Incorporation thereof in a Disposable Absorbent Article and Process of manufacture thereof."

- 1454/Del/94. The Procter & Gamble Company, U.S.A., "Process of making absorbent structures and absorbent structures produced hereby".

- 1455/Del/94. The Procter & Gamble Company, U.S.A., "Absorbent Article having Blended Multy-Layer Absorbent Structure with Improved Integrity."

- 1456/Del/94. The Procter & Gamble Company, U.S.A., "Liquid Detergents with Ortho-Substituted Phenyl boronic Acids for inhabitation of Proteolytic Enzyme."

- 1457/Del/94. The Procter & Gamble Company, U.S.A., "Desquamation Compositions."

- 1458/Del/94. The Procter & Gamble Company, U.S.A., "Disposable Absorbent Article Core Integrity Support."

- 1459/Del/94. Steel Authority of India Ltd., Research & Development Centre for Iron & Steel, New Delhi, "An on line vibratory screening device for Powderly Reagents Conveyed Pneumatically in a Metallurgical Process."

1460/Del/94. L'air Liquide, Societe Anonyme Pour L'etude St L'exploitation Des Procedes Georges Claude, France, "Process installation for the Distillation of Air."

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1461/Del/94. Albright & Wilson Limited, England, "Concentrated surfactant compositions." (Convention date 13th November, 1993)—U.K.

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1462/Del/94. National Council for Cement & Buildings, Materials, New Delhi, "An integral water proofing composition".

1463/Del/94. Tioxide Group Services Limited, England, "Titanium Dioxide Slurries." (Convention date 7th December, 1993)—U.K.

1464/Del/94. Motorola, Inc., U.S.A. "Neural Network."

1465/Del/94. Alcan International Limited, Canada, "Process and apparatus for drying liquid-borne solid material."

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1466/Del/94. Bredero Price Services Limited, U.K., "Pipe coating apparatus." (Convention date 17th November, 1993)—U.K.

1467/Del/94. Nippondenso Co. Ltd., Japan, "Starter for starting an engine."

1468/Del/94. Sociedad De Desarrollo Minero Limitada "Sodemi Ltda." Chile "A process for the Electrochemical Dissolution of Sulfur-Containing and/or Concentrated Ores."

1469/Del/94. Nippondenso Co. Ltd., Japan, "Starter."

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1470/Del/94. The Procter & Gamble Company, U.S.A., "Deposition of osmotic absorbent on to a Capillary substract without deleterious interfiber penetration and absorbent structures produced thereby."

1471/Del/94. The Procter & Gamble Company, U.S.A., "Detergent composition containing optimum levels of Amine Oxide and Linear Alkylbenzene Sulfonate Surfactants for improved solubility in cold temperature laundering solutions."

1472/Del/94. The Procter & Gamble Company, U.S.A., "Refillable Package." Convention date 22nd November, 1993)—U.K.

1473/Del/94. Mohammed Shakir Qidwai, U.P., "A cooking or heating appliance."

1474/Del/94. Bharat Heavy Electricals Limited, New Delhi, "A Lubricating Oil Source."

1475/Del/94. Sir Padampat Research Centre. (A Division of J. K. Synthetics Ltd., Kota, (Rajasthan), "A process for the manufacture of Acid Dyeable Acrylic Fiber."

1476/Del/94. International Business Machines Corporation, U.S.A., "Apparatus for Generating a Clock in a Microprocessor."

1477/Del/94. Texaco Development Corporation, U.S.A., "Gasifier Throat."

1478/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Exhaust system for Two-Cycle Engine."

1479/Del/94. Paul Wurth S.A., Luxembourg, "Charging Device for a Shaft Furnace."

1480/Del/94. Magoiteaux International, Belgium, "Method of manufacturing a Bi-metallic Grinding Wheel and Grinding Wheel obtained by the implementation of this method."

1481/Del/94. Courtaulds Fibres (Holdings) Limited, England, "Cigarettefilters." (Convention date 29th November, 1993. 19th May, 1994 and 15th September, 1994)—U.K.

1482/Del/94. Steel Authority of India Ltd., Research & Development Centre for Iron & Steel, New Delhi, "An improved process of producing Refined Special Steel by electro-slag-remelting (ESR) using fluoride-free slags."

1483/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Cooling structure of Vehicular Power Unit."

1484/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Exhaust valve mechanism for Motorcycles."

1485/Del/94. Bell Communications Research, Inc., U.S.A., "Electrolyte Activatable Lithium-Ion rechargeable Battery Cell and method of making same."

1486/Del/94. N. V. Bekaert S. A., Belgium, "Open Steel Card Structure."

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1487/Del/94. ADC Telecommunications, Inc., U.S.A., "High-Density fiber distribution frame."

1488/Del/94. Shell Oil Company, U.S.A., "Random Copolymer Compositions."

1489/Del/94. Grant E. Swick, U.S.A., "Electrical connection terminal assembly and tilt washer."

1490/Del/94. Leonard Paul, U.S.A., "Air Freshener and/or Deodorizer dispensing system."

1491/Del/94. The Gillette Company, U.S.A., "Improvements in or relating to Brushes." (Convention date 1st December, 1993)—U.K.

1492/Del/94. Knowles Electronics, Inc., U.S.A., "Acoustic Transducer."

1493/Del/94. Knowles Electronics, Inc., U.S.A., "Acoustic Module—for a hearing aid."

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1494/Del/94. Goldstar Co., Ltd., Korea, "Device for opening/closing a vegetable box of a Refrigerator."

1495/Del/94. NIIT Ltd., New Delhi, "A device which enable to record sound on a computer to be played back later."

1496/Del/94. Cosio Computer Co., Ltd., Japan, "Receiver."

1497/Del/94. The Whitaker Corporation, U.S.A., "Mechanical connector splice, for cable."

1498/Del/94. The Whitaker Corporation, U.S.A., "Method of manufacturing a Grounding Connector and an improved Grounding Connector."

1499/Del/94. Interdigital Technology Corporation, U.S.A., "A Digital Frequency Synthesizer."

1500/Del/94. Dresser Industries, Inc., U.S.A., "Safety Valve."

1501/Del/94. Motorola, Inc., U.S.A., "Electrochemical Capacitor having a proton conducting solid Electrolyte."

1502/Del/94. South African Druggists Limited, South Africa, "Pharmaceutical Composition."

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1503/Del/94. Indian Drugs & Pharmaceuticals Limited, Gurgaon, "A process for the preparation of 4-(3-Thienyl) Phenyl Alkanolic and their derivatives."

- 1504 Del/94. Indian Drugs & Pharmaceuticals Limited Gurgaon, "A Process for the preparation of Triazole derivatives of Pharmacological Interest."
- 1505 Del/94. Karambir Singh, Chandigarh, "Improvement in or relating to frames for Photographs, Mirrors, Picture cards and the like."
- 1506 Del/94. International Business Machines Corporation, U.S.A., "Multiple data surface optical data Storage System."
- 1507 Del/94. International Business Machines Corporation, U.S.A., "Multiple data surface optical data Storage System."
- 1508 Del/94. Council of Scientific and Industrial Research New Delhi, "A process for the preparation of Micro-Meso Porous Amorphous Titanium Silicates."
- 1509 Del/94. Council of Scientific and Industrial Research New Delhi, "An improved Stop Valve useful for controlling the flow of Fluids."
- 1510 Del/94. Council of Scientific and Industrial Research New Delhi, "A composition suitable for control blasting and perimeter blasting in Tunneling etc."
- 1511 Del/94. Council of Scientific and Industrial Research New Delhi, "A process for the preparation of β Acetoxy-androst-5-EN-17-One (Dha Acetate)."
- 1512 Del/94. Council of Scientific and Industrial Research New Delhi, "A process for making Noodles Vermicelli from Maize."
- 1513 Del/94. Council of Scientific and Industrial Research New Delhi, "A process for the manufacture of Emulsifiable Concentrate Formulations of Dry Powder enriched in Azadirachtin from Neem Seed extracts."
- 1514 Del/94. Council of Scientific and Industrial Research New Delhi, "A Shaft Coupler."
- 1515 Del/94. Council of Scientific and Industrial Research New Delhi, "An improved equipment for short wall mining useful for extraction of pillars in underground Coal Mines."
- 1516 Del/94. Council of Scientific and Industrial Research New Delhi, "A process for the removal of Iron from Zircon."
- 1517 Del/94. Council of Scientific and Industrial Research New Delhi, "An improved process for Skimming Crude Oil."
- 1518 Del/94. Council of Scientific and Industrial Research New Delhi, "A process for the Neutralization of Alkaline West Waters."
- 1519 Del/94. Council of Scientific and Industrial Research New Delhi, "A process for the preparation of Immobilized Microbial Composition for use as Seed Inoculomin Bod Test."
- 1520 Del/94. The Procter & Gamble Company, U.S.A., "Ultra Mild Lathering Personal Cleansing Composition."
- 1521 Del/94. The Procter & Gamble Company, U.S.A., "Apertured Three-Dimensional, Microscopically Expanded Plastic Wed for absorbent articles having a textured wear-contacting surface."
- 1522 Del/94. The Procter & Gamble Company, U.S.A., "A Force-Indicating Toothbrush."
- 1523 Del/94. Glaverbel, Belgium, "A method and power mixture for repairing oxide based Refractory Bodies..." (Convention date 1st December, 1993)—U.K.
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- 1524 Del/94. The Chief Controller, Defence Research & Development Organisation, New Delhi, "A Shelter."
- 1525 Del/94. Suram Parkash Sharma, Chandigarh, "Solar Super Exhaust."
- 1526 Del/94. Rajesh Kumar, U.P., "Gas (L.P.G.) Press (Iron)."
- 1527 Del/94. Hercules Incorporated, U.S.A., "Pectin Process and Composition."
- 1528 Del/94. Hercules Incorporated, U.S.A., "Pectin Process and Composition."
- 1529 Del/94. Motorola, Inc., "Device for minimizing crosstalk in multiplexed addressing signals for an RMS-Responding Device."
- 1530 Del/94. Hughes Aircraft Company, U.S.A., "Cryogenic Cooling System with active vibration control."
- 1531 Del/94. Bofor AB., Sweden, "Improvement to Ordnance."
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- 1532 Del/94. International Business Machines Corporation, U.S.A., "Display of Dynamic Data AS a notebook."
- 1533 Del/94. International Business Machines Corporation, U.S.A., "Inner Diameter Disk Drive Head/Slider Load/Unload Device."
- 1534 Del/94. International Business Machines Corporation, U.S.A., "Audio Conferencing System." (Convention date 18th December, 1993)—U.K.
- 1535 Del/94. Indian Drugs & Pharmaceuticals Limited, IDPL Complex, Gurgaon, "A Process for the preparation of 2H, 4H-(1,2,4) Triazolo (3,4-C) (1,4) Benzoxa (Thia) ZIN-1-ones."
- 1536 Del/94. Indian Drugs & Pharmaceuticals Limited, IDPL Complex, Gurgaon, "A Process for the preparation of 2H, 4H-(1,2,4) Triazolo (3,4-C) (1,4) Benzoxa (Thia) ZIN-1-ones."
- 1537 Del/94. The Procter & Gamble Company, and Minnesota Mining and Manufacturing Company, U.S.A., "A Softener Composition."
- 1538 Del/94. The Procter & Gamble Company, and Minnesota Mining and Manufacturing Company, U.S.A., "A Detergent Composition."
- 1539 Del/94. Shakespear Company, U.S.A., "A Composite Utility Pole and method for making same."
- 1540 Del/94. Kennametal Inc., U.S.A., "Polycrystalline diamond composite cutting insert for attachment to a Tool."
- 1541 Del/94. Kennametal Inc., U.S.A., "System for coupling Machine Tools."
- 1542 Del/94. Praxair Technology, Inc., U.S.A., "Drop-in Furnace Lining."
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- 1543 Del/94. Sintercast AB, Sweden, "Process Control of Compacted Graphite Iron production in pouring furnaces."
- 1544 Del/94. Motorola, Inc., U.S.A., "Combined Dictionary based and likely character string method of Handwriting Recognition and Display."
- 1545 Del/94. Lenzing Aktiengesellschaft, Austria, "Process for the production of Cellulose Moulded Bodies."
- 1546 Del/94. Goodwin International Limited, Great Britain, "Plates for Wafer Check Valves." (Convention date 1st December, 1993)—U.K.

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- 1547/Del/94. Dr. Sendeep Nijhawan and Dr. R. R. Rai, Jaipur. "Pneumatic Dilator."
- 1548/Del/94. The Procter & Gamble Company, U.S.A., "A Detergent Composition."
- 1549/Del/94. The Procter & Gamble Company, U.S.A., "A Conditioning Composition."
- 1550/Del/94. The Procter & Gamble Company, U.S.A., "A Laundry Bleach Composition."
- 1551/Del/94. The Procter & Gamble Company, U.S.A., "A Softener Composition."
- 1552/Del/94. The Procter & Gamble Company, U.S.A., "Easy open feature for polymeric package with contents under high compression."
- 1553/Del/94. Corning Incorporated, U.S.A., "Ultraviolet absorbing, fixed tint green or brown Sunglass."
- 1554/Del/94. Sony Dynamic Digital Sound, Inc., U.S.A., "Digital Sound Recording on Motion Picture Film."
- 1555/Del/94. Zeneca Limited, England, "Process." (Convention date 23rd December, 1993)—U.K.
- 1556/Del/94. The Gillette Company, U.S.A., "Barrel Cutter for Writing Instrument."
- 1557/Del/94. Parker Pen (I.P.) Limited, U.K., "Improvements in or relating to Writing Instruments." (Convention date 17th December, 1993)—U.K.
- 1558/Del/94. L'air Liquide, Societe Anonyme Pour L'etude ET L'exploitation Des Procèdes Georges Claude, France, "Asymetric Oxygen/Fuel Burner."

01-12-94

- 1559/Del/94. Chong Kun Dang Co.p., Korea, "Cyclosporin-containing Power Composition."
- 1560/Del/94. Goldstar Co. Ltd., Korea, "Electron Guns for color cathode ray tube."
- 1561/Del/94. Wong Fook Khean, Malaysia, "Convertible Ladder Assembly." (Convention date 9th December, 1993)—U.K.
- 1562/Del/94. Power Image Private Limited, Singapore, "A Power Supply Circuit."
- 1563/Del/94. Institute Armand-Frappier, Canada, "Production of Cellulose, Silica, Lignin and Protein-Rich Food from Rice Straw."
- 1564/Del/94. BICC Public Limited Company, England, "Semiconductive Linear Element." (Convention date 17th December, 1993)—U.K.
- 1565/Del/94. The Procter & Gamble Company, U.S.A., "Perfume delivery system comprising zeolites."

02-12-94

- 1566/Del/94. The Procter & Gamble Company, U.S.A., "Absorbent article with multi-directional extensible side panels."
- 1567/Del/94. The Procter & Gamble Company, U.S.A., "Absorbent article with structural elastic-like film web waist belt."
- 1568/Del/94. The Procter & Gamble Company, U.S.A., "Osmotic and Capillary absorbent structure having differential density and process of manufacture thereof."
- 1569/Del/94. Suresh Narain Mathur, U.P., "Flying Insect Trap."
- 1570/Del/94. International Business Machines Corporation, U.S.A., "Universal Electrical Power Plug for multination use with self-setting contact pins."

1571/Del/94. John Gould, U.K., "Colourants, Coloured Articles and methods of making them." (Convention date 3rd December, 1993)—U.K.

1572/Del/94. Telefonaktiebolaget LM Ericsson, Sweden, "A method and apparatus for testing a base station in a time division multiple access Radio Communication System."

1573/Del/94. Alexander Berger, Germany, "Son Tracker."

05-12-94

- 1574/Del/94. Russell D. Ide, U.S.A., "Low profile thrust Bearings having spaced pads and methods of making the same."
- 1575/Del/94. KMC, Inc., U.S.A., "Method and Bearing construction for control of Hot Oil carry over and Loss of Lubricant."
- 1576/Del/94. Innotech, Inc., U.S.A., "Method and apparatus for manufacturing Photochromic Lenses."
- 1577/Del/94. Torotrak (Development) Limited, England, "Improvements in or relating to Continuously-Variable-Ratio Transmissions." (Convention date 20th December, 1993 & 2nd June, 1994.)—U.K.
- 1578/Del/94. Eastman Kodak Company, U.S.A., "Apparatus for winding selectable lengths of web."

06-12-94

- 1579/Del/94. International Business Machines Corporation, U.S.A., "Force Transducer with screen printing strain gauges."
- 1580/Del/94. International Business Machines Corporation, U.S.A., "Enhanced Program Access in a graphical user interface."
- 1581/Del/94. International Business Machines Corporation, U.S.A., "Input device having two joysticks and touchpad with default template."
- 1582/Del/94. Eupart AB., Sweden, "A brazing pin and a method for its manufacturing."
- 1583/Del/94. Tower Tech Inc., U.S.A., "Industrial Cooling Tower."

7-12-94

- 1584/Del/94. Motorola, Inc., U.S.A., "Power Adapter with Integral Radio Frequency Port."
- 1585/Del/94. Zeneca Limited, England, "Disazo Compound." (Convention date 23rd December, 1993)—U.K.
- 1586/Del/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Combustion Controller for a spark Ignition type Two-Cycle Engine."

08-12-94

- 1587/Del/94. The Procter & Gamble Company, U.S.A., "Percarbonate Detergent Compositions." (Convention date 10th December, 1993)—U.K.
- 1588/Del/94. The Procter & Gamble Company, U.S.A., "Stabilization of Oxidation-Sensitive Ingredients in Percarbonate Detergent Compositions." (10th December, 1993)—U.K.
- 1589/Del/94. Samsonite Corporation, U.S.A., "Retractable Auxiliary Luggage Attachment Mechanism and Method."
- 1590/Del/94. Samsonite Corporation, U.S.A., "Soft-Sided Luggage Case with interfitting and foldably separate packing compartments."
- 1591/Del/94. Samsonite Corporation, U.S.A., "Retractable Incrementally Adjusting Auxiliary Luggage Attachment Mechanism and Method."

- 1592/Del/94. Samsonite Corporation, U.S.A., "Wheeled Luggage with selectively positionable Man Euvering and carrying handle and Auxiliary Luggage and Handle Restraint."

08-12-94

- 1593/Del/94. Bdag Balcke-Durr Aktiengesellschaft, Germany, "Arrangement for improving efficiency of a Power Plant."

09-12-94

- 1594/Del/94. Goldstar Co. Ltd., Korea, "Refrigerator having fermentation device."
- 1595/Del/94. The Whitaker Corporation, U.S.A., "Asset management in Cable Management System."
- 1596/Del/94. Eastman Kodak Company, U.S.A., "Thickened Aikali Metal Hypochlorite Compositions."
- 1597/Del/94. PSC Inc., U.S.A., "Motor Control System Especially for Control of an Optical Scanner."

12-12-1994

- 1598/DEL/94. Imperial Chemical Industries Plc., U.K. "Production of Pentamethoxyethane". (Convention date 16th December 1993) U.K.
- 1599/DEL/94. International Business Machines Corporation, U.S.A., "Processing System".
- 1600/DEL/94. International Business Machines Corporation, U.S.A., "Processing System".
- 1601/DEL/94. International Business Machines Corporation, U.S.A., "Processing System".

13-12-1994

- 1602/DEL/94. Bicc rubic Limited Company, England, "Combined Electrical Power and Optical Transmission System". (Convention date 28th October, 1994) U.K.
- 1603/DEL/94. R.A.R. Consultants Ltd., Canada, "Earthquake, Wind resistant and fire resistant precast building panels and structures formed therefrom".

14-12-1994

- 1604/DEL/94. The Whitaker Corporation, U.S.A., "Transversal Connector for Electric Wire and Cable".
- 1605/DEL/94. M/s. Asiatic Electronic Industries, New Delhi, "Fuse Switch".
- 1606/DEL/94. Tae-Young Bae, Sue-Joung Bae and Young-Ock Bae, Korea, "Necktie with a knot-forming core".
- 1607/DEL/94. Edwin Eusenhart, Switzerland, "Ladder, Kit, and Positioning Support for Ladder". (Convention date 14th December, 1993) U.K.
- 1608/DEL/94. Motorola, Inc., U.S.A., "Electrical Circuit Using Low Volume Multilayer Transmission Line Devices".
- 1609/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Stator Supporting Mechanism for Supporting Engine Stator for Motorcycle."
- 1610/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Switch Device for Vehicle."
- 1611/DEL/94. Ian Fraser-Johnston, and Brian John Bull, South Africa, "Valve."
- 1612/Del/94. Council of Scientific and Industrial Research, New Delhi, "A composition useful for the removal of arsenic from water and tablets/capsules made from the said composition."
- 1613/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A novel biocatalytic process for the stereoselective synthesis of S-propranolol and their related analogues."

- 1614/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the production of high temperature alumina mortar."

- 1615/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of 2-(2-Dialkyl or Heterocyclic Amino Methyl prop-2'-ENE-1'-One)-10-(2-substituted acetyl) phenothiazines as new spermicidal agents useful as barrier contraceptives."

- 1616/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of porous, high surface area materials known as pillared interlayered clays."

- 1617/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of cadmium tin mixed oxide semiconductor powder."

- 1618, Del/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the removal of arsenic from water."

- 1619/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for preparation of conducting polymer composite useful for positive temperature co-efficient resistance devices."

- 1620/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the synthesis of stereoisomers of etoposide."

- 1621/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A composition useful for making a water filter candle and a water filter candle made thereof."

15-12-1994

- 1622/DEL/94. Tatarsky Gosudarstvenny Nauchno-Issledovatel'skiy i Proektny Institut Neftyanoi Promyshlennosti, Russian, "Method of completing construction of Borehole."

- 1623/Del/94. Immunotec Research Corporation Ltd., Canada, "Process for making undenatured whey protein concentrate."

- 1624/DEL/94. Morgan Construction Company, U.S.A., "High Speed Shear for end trimming rods and the like."

- 1625/DEL/94. Morgan Construction Company, U.S.A., "Parting Adjustment system for housingless roll stand."

- 1626/DEL/94. Morgan Construction Company, U.S.A., "Single Strand Block-type Rolling Mill."

- 1627/DEL/94. Goldstar Co. Ltd., Korea, "Refrigerator having a fermentation room using radio frequency induction heating."

16-12-94

- 1628/DEL/94. The Chief Controller Research & Development, Ministry of Defence, New Delhi, "A process for the preparation of perforated ceramic tiles."

- 1629/DEL/94. Chief Controller Research & Development, Ministry of Defence, New Delhi, "A method of converting machined turnings of commercial pure titanium into rods, strips & sheets."

- 1630/DEL/94. The Whitaker Corporation, U.S.A., "Electrical connector with shortened contact."

- 1631/Del/94. Bayer Aktiengesellschaft, Germany, "Chloropyridinium chlorides and process for their preparation."

- 1632/Del/94. Bayer Aktiengesellschaft, Germany, "Spray cap having a childproof device."

1633/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Seal structure."

1634/DEL/94. DDX Incorporated, U.S.A., "Bovine heat detection."

19-12-94

1635/DEL/94. The Procter & Gamble Company, U.S.A., "Detergent compositions containing percarbonate and amylase," (Convention date 21st December 1993 and 4 March 1994) U.K.

1636/DEL/94. The Procter & Gamble Company, U.S.A., "Protease containing Dye transfer inhibiting compositions," (Convention date 21st December 1993) U.K.

1637/DEL/94. International Business Machines Corporation, U.S.A., "Optical disk carrier."

1638/DEL/94. Terrastar, Inc., U.S.A., "Satellite communication system, receiving antenna and components for use therein."

1639/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Handle cover."

1640/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Seal structure for plain bearing portion."

1641/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, Japan, "Lubrication structure in engine output extracting engine."

20-12-94

1642/DEL/94. Rodeny John Smith, Newzealand, "Data compression system," (Convention date 20th December 1993) Newzealand.

1643/DEL/94. FMC Corporation, U.S.A., "Process for the selective chlorination of 4, 5-Dihydro-1-phenyl-1H-1, 2, 4-triazol-5-one."

1644/DEL/94. Praxair Technology, Inc. U.S.A., "Membrane Nitrogen with temperature tracking."

21-12-94

1645/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the production of 16-dehydropregnenolone acetate (16DPA)."

1646/DEL/94. Council of Scientific and Industrial Research, New Delhi, "The process for the preparation of 9-(2-hydroxyethyl)-7, 11-dioxaspiro (5, 5) undecane useful in the synthesis of antiviral acyclo-nucleosides used in the treatment of herpes virus and Hiv-1 infections."

1647/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the production of cephalotaxine and its derivatives and at least four unidentified compounds from the plant cephalotaxus griffithii."

1648/DEL/94. Pall Corporation, U.S.A., "Battery separator."

1649/DEL/94. General Electric Company, U.S.A., "Conversion of doped polycrystalline material to single crystal material."

1650/DEL/94. General Electric Company, U.S.A., "An electrodeless fluorescent lamp having an improved phosphor distribution arrangement and a method of making the same."

1651/DEL/94. Suresh Narain Mathur, Delhi-U.P. Border, "Personal Moods calculator and guide."

1652/DEL/94. The Procter & Gamble Company, U.S.A., "Detergent Additive composition," (Convention date 24th December 1993 and 29th November 1994) U.K.

1653/DEL/94. The M.W. Kellogg Company, U.S.A., "Integrated process for upgrading middle distillate production."

1654/DEL/94. Bendix Espana S.A., Spain, "Disk Brake with increased safety."

1655/DEL/94. Rhone-poulenc Chimie, France, "Process for the preparation of lactam."

1656/DEL/94. Cookson Matthey Ceramics & Materials Limited, England, "Glaze for refractory materials," (Convention date 29th December 1993) U.K.

1657/DEL/94. The M. W. Kellogg Company, U.S.A., "Integrated Distillate recovery process."

22-12-94

1658/DEL/94. Goldstar Co., Ltd. Korea, "Microwave oven having a rotary grill heater."

1659/DEL/94. Goldstar Co., Ltd., Korea, "Electron Gun body for color cathode ray tube."

1660/DEL/94. Goldstar Co., Ltd., Korea, "Electron Gun for large-sized colour cathode ray tube."

1661/DEL/94. The Procter & Gamble Company, U.S.A., "Liquid laundry detergent containing polyamino acid and polyalkyleneglycol."

1662/DEL/94. The Procter & Gamble Company, U.S.A., "Multiple function cleansing composition with dual blooming perfume system."

1663/DEL/94. The Procter & Gambel Company, U.S.A., "Detergent composition containing amine oxide surfactant in the form of agglomerates."

1664/DEL/94. The Procter & Gamble Company, U.S.A., "Elastomeric disposable absorbent article and method of making same."

1665/DEL/94. The Procter & Gamble Company, U.S.A., "Garment-like disposable absorbent article having a bloused outer cover."

1666/DEL/94. The Procter & Gamble Company, U.S.A., "PH-modified polymer compositions with enhanced biodegradability."

1667/DEL/94. Anil Vithal Jayawant, New Delhi, "An improved infusion set."

1668/DEL/94. Virender Dev Trehan, Anju Trehan, New Delhi, "An improved window mounted type air-conditioner."

1669/DEL/94. Rollatainers Limited, Haryana, "An apparatus for use in a carton forming and filling machine."

1670/DEL/94. Rollatainers Limited, Haryana, "An apparatus for use in a carton filling and sealing machine."

1671/DEL/94. Motorola, Inc., U.S.A., "A portable communication unit."

1672/DEL/94. The President and Fellows of Harvard College and Virus Research Institute, U.S.A. "Soft agar-penetration defective mutants."

1673/DEL/94. Boral Resources (Qld.) Pty. Limited, Australia, "Clean Out Block Assembly," (Convention date 14th January 1994) Australia.

1674/DEL/94. Ergo Science Incorporated and Geneva Pharmaceuticals, Inc. U.S.A., "Accelerated release composition containing bromocriptine."

1675/DEL/94. Occidental Chemical Corporation, U.S.A., "Method of making hypophosphorous acid."

1676/DEL/94. Smithkline Beecham Corporation, U.S.A., "Tooth Whitening preparations."

23-12-94

1677/DEL/94. Dr. S. S. Sircar, Delhi, "A working hydrostatic model for teaching membrane potential."

1678/DEL/94. The Procter & Gamble Company, U.S.A., "Process for making particles comprising lactam bleach activators."

1679/DEL/94. Dr. Govind Saran Darbari, Allahabad-UP. "The Optical fibre termination box."

1680/DEL/94. SBL Limited, New Delhi, "Improved closure cap for containers."

1681/DEL/94. Transaction Technology, Inc., U.S.A., "Wireless banking terminal using cellular telephone communication."

1682/DEL/94. Loftus & Co. Pty. Ltd. and Glass Block Constructions Aus-t Pty. Ltd., Australia. "(Convention date 31st December 1993) Australia." "A-Block Wall Construction System and Components' thereof".

1683/DEL/94. Shell Oil Company, U.S.A., "Process for Isomerizing linear olefins to isoolefins."

1684/DEL/94. Shell Oil Company, U.S.A., "Process for Isomerizing linear olefins to isoolefins."

1685/DEL/94. Vijay Vasant Deshpande, Kanpur, "Efficient electric cooker with auto off."

26-12-94

1686/DEL/94. Digital Theater Systems, L.P., U.S.A., "Method and apparatus for multiplexed encoding of digital audio information onto a digital audio storage medium."

1687/DEL/94. Montari Industries Limited, New Delhi, "Improvements in or relating to a process for the preparation of 3, 5, 6-Trichloropyridin-2-OL and its Alkali and Alkaline Earth Salts."

1688/DEL/94. Cominco Engineering Services Ltd. Canada. "Chloride Assisted Hydrometallurgical Copper Extraction"

1689/DEL/94. Johnson Matthey Public Limited Company, U.K., "Data Storage Media." (Convention date 29th December 1993) U.K.

1690/DEL/94. Zeneca Limited, England, "Chemical Process." (Convention date 13th January 1994) U.K.

1691/DEL/94. The Whitaker Corporation, U.S.A., "Wire Selection in a cable management system."

28-12-94

1692/DEL/94. Goldstar Co. Ltd., Korea, "Bead Mount of Electron Gun for Color Cathode Ray Tube."

1693/DEL/94. The Procter & Gamble Company, U.S.A., "Process for making Lactam Blend Activator containing particles."

1694/DEL/94. Shanti S. Dewan, U.S.A., "A new useful, improved, easy to use, convenient and improved bottle and cap for mineral water and/or flavoured drinks."

1695/DEL/94. Indian Herbs Research & Supply Co. Pvt. Ltd., and Prof. Dr. Shib Nath Ghosal, U.P., "Process for preparing Shilajit (SJP-7) from Native Shilajit."

1696/DEL/94. Centre for Development of Telematics, New Delhi, "FEC Decoder for correcting up to two errors and detecting three errors using modified rate 7/8 BCH (128, 112) coding scheme in a Satellite Communication System."

1697/DEL/94. De La Rue Giori S.A., Switzerland, "Installation for Quality Control of Printed Sheets, especially Security Paper."

1698/DEL/94. Rohm and Haas Company, U.S.A., "2-Arylpyrimidines and Herbicidal Use thereof."

1699/DEL/94. Ericsson Ge Mobile Communications Inc., U.S.A., "TDMA/EDMA/CDMA Hybrid Radio Access Methods."

1700/DEL/94. Zeneca Limited, England, "Process." (Convention date 19th January 1994) U.K.

1701/DEL/94. Imperial Chemical Industries Plc., U.K., "Environmentally Friendly Autoxidisable Alkyd Coating Composition." (Convention date 21st January 1994) U.K.

1702/DEL/94. Endgate Technology Corporation, U.S.A., "Dual-sided push-pull amplifier."

29-12-94

1703/DEL/94. Goldstar Co., Ltd., Korea, "Encoder Key input device for an Microwave Oven and interrupt processing method using the same."

1704/DEL/94. Goldstar Co. Ltd., Korea, "Knob of a Corrugated Cardboard packing box."

1705/DEL/94. Nippon Thermostat Co. Ltd., Japan, "Improved Thermally controlled valve."

1706/DEL/94. Alliedsignal Inc., U.S.A., "Hydrofluoroalkanes as cleaning and degreasing solvents."

1707/DEL/94. Motorola, Inc., U.S.A., "Method and apparatus for Mitigating Audio Degradation in a Communication System."

1708/DEL/94. Richard Voss Grubenausbau GMBH., Germany. "Hydrodynamic Brake."

1709/DEL/94. Lurgi (Australia) Pty. Limited, Australia, "Fabric Filter." (Convention date 10-1-94 Australia).

30-12-94

1710/DEL/94. National Thermal Power Corporation Ltd., New Delhi, "A process for the preparation of the Soil/Clay."

1711/DEL/94. Prabha Ghanashyam Tasgaonkar, New Delhi, "A Utensil."

1712/DEL/94. Prabha Ghanashyam Tasgaonkar, New Delhi, "An Utensil."

1713/DEL/94. The Chief Controller, Research & Development Ministry of Defense, New Delhi, "A process for the preparation of a spermicidal agent from Neem Oil or Extractives."

1714/DEL/94. The Procter & Gamble Company, U.S.A., "Process for making sulfonated Fatty Acid Alkyl Ester Surfactant."

1715/DEL/94. The Procter & Gamble Company, U.S.A., "Process for making Sulfonated Fatty Acid Alkyl Ester Surfactant."

1716/DEL/94. Chemagis Ltd., Israel. "Process for the manufacture of Androstane-17 Carbothioates and Androstane-17 Carbothioates prepared thereby."

1717/DEL/94. International Business Machines Corporation, U.S.A., "Multiple Display Pointers for Computer Graphical User Interfaces."

1718/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of improved strains of Yeast *Saccharomyces Cerevisiae*."

1719/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of Novel Microporous Crystalline Molybdenum-Silicalite Molecular Sieves."

1720/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the manufacture of common building bricks utilising waste materials like Fly Ash and Bottom Ash of Coal/Lignite Fired Fluidised Bed Fluidised Bed Boilers."

1721/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for preparing purified Phosphatidyl Choline from Plant Lecithins."

1722/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the selective oxidation of hydrocarbons and their derivatives."

1723/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of Alkali Salt of Carboxy Alkyl Celluloses."

1724/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of Foods, particularly useful for enteral feeding."

1725/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of Aniline by Hydrogenation of Nitrobenzene using an improved Copper Silica Catalyst."

1726/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of Piezoelectric Polymer Films."

1727/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the extracellular preparation of Streptokinase and its new analogs."

1728/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process of production and application of Glazing Material produced from Foundry Cupola Slag."

1729/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of an implant useful for filling up of voids."

1730/DEL/94. Council of Scientific and Industrial Research, New Delhi, "Repeated short duration Chromiding of Carbon Steel substrate as a technique of improving the Corrosion Resistance Properties."

1731/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the production of Wax from Synthesis Gas over an Iron Catalyst."

1732/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of 3, 5-Xylenol."

1733/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of an Iron Catalyst useful for the production of Wax from Synthesis Gas."

1734/DEL/94. Council of Scientific and Industrial Research, New Delhi, "An improved process for the manufacture of Hydroxy Citronellal from Citronellal Eucalyptus Citrio Dora Oil."

1735/DEL/94. Council of Scientific and Industrial Research, New Delhi, "Macro-Micro Stress relieving in time temperature domain for improving corrosion resistance of the surface."

1736/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A Novel Alter Native Building Material."

1737/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of Novel Diterpenoid."

1738/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A device for separating Stigma and Style from the Pistil of Flowers."

1739/DEL/94. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of 2, 3, 5-Tri-methyl Phenol."

1740/DEL/94. Motorola Inc., U.S.A., "Method and apparatus for identifying a transmitter in a simulcast Radio Communication System."

1741/DEL/94. Telefonaktiebolaget L.M. Ericsson, Sweden, "Providing individual subscriber services in a Cellular Mobile Communications Network."

1742/DEL/94. Ericsson Ge Mobile Communications Inc., U.S.A., "Position registration for Cellular Satellite Communication Systems."

1743/DEL/94. Rittal-Werk Rudolf LOH GMBH & Co. KG., Germany, "Process for erecting a switch cabinet and for installing services."

2nd January 1995

01/Del/95. Imperial Chemical Industries Plc., U.K. Handling of materials at elevated pressure. (Convention date 13th January, 1994) U.K.

3rd January 1995

02/Del/95. Procter & Gamble Company, U.S.A. High lathering and high depositing shampoos with mild surfactant system.

03/Del/95. Procter & Gamble Company, U.S.A. Sanitary napkin having a pleated lifting member.

04/Del/95. Procter & Gamble Company, U.S.A. Sanitary napkin having an internal shaping component.

4th January 1995

05/Del/95. Balwant Rai Gadani, New Delhi. A jokey pulley assembly.

5th January 1995

06/Del/95. Hindustan Gun & Chemicals Limited, Haryana. Process for preparation of cassia seed powder based binding agent.

07/Del/95. International Business Machines Corporation, U.S.A. A copper containing electronic device (Convention date 3rd October, 1989) U.K.

08/Del/95. Hawk Industries, Inc., U.S.A. Apparatus for making and breaking joints in drill pipe strings.

6th January 1995

09/Del/95. Voest-Alpine Industrieanlagenbau GMBH, Austria. Process for producing sponge iron and plant for carrying out the process.

10/Del/95. Advanced Risc Machines Limited, England. Data memory and processor bus. (Convention date 11th January, 1994) U.K.

9th January 1995

11/Del/95. Goldstar Co. Ltd., Korea. Cool air supply apparatus of refrigerator.

12/Del/95. The Procter & Gamble Company, U.S.A. Process for preparing detergent granules. (Convention date 17th January, 1994) U.K.

13/Del/95. The Procter & Gamble Company, U.S.A. Process for producing a high density detergent composition having improved solubility by agglomeration of anionic surfactants and an agglomerating.

14/Del/95. The Procter & Gamble Company, U.S.A. Absorbent article having inflected barrier cuffs.

15/Del/95. GMS Investments, INE, U.S.A. Compositions and methods for use in aquaculture.

16/Del/95. Hughes Training, Inc. U.S.A. Fiber optic ribbon subminiature display for head/helmet mounted display.

17/Del/95. Paul Wurth S.A., Luxembourg. Device for the distribution of materials in bulk.

18/Del/95. Thermotrex Corporation, U.S.A. Improved hair removal method.

10th January 1995

19/Del/95. Robert Chen, U.S.A. A novel membrane based immunodiagnostic kit.

11th January 1995

- 20/Del/95. National Research Development Corporation, New Delhi. A process for the preparation of cyclosporin A from tolypocladium species.
- 21/Del/95. Scanaeg A/S., Denmark. A method and a system for building up weigh down portions of objects.
- 22/Del/95. Rohm and Haas Company, U.S.A. Preparation of crosslinked anion exchange particles.

12th January 1995

- 23/Del/95. Monarch Knitting Machines Private Limited, Delhi. Cutter sub-assembly for cutting extra threads of knitted socks.
- 24/Del/95. The Procter & Gamble Company, U.S.A. Use of polymers in liquid detergent compositions containing brighteners for preventing fabric spotting. (Convention date 13th January 1994) U.K.
- 25/Del/95. Strix Limited, Isle of Man. Water heating apparatus. (Convention date 13th January, 1994) U.K.
- 26/Del/95. The Procter & Gamble Company, U.S.A. Process for making solid dose forms containing bismuth.
- 27/Del/95. Javvadi Maroli, New Delhi. A quartz analog time device with mechanical winding alarm system.
- 28/Del/95. Courtaulds Plc., U.K. Printing optical patterns on polymer articles.
- 29/Del/95. Ingersoll-Dresser Pump Company, U.S.A. Cavitation resistant casting alloy.
- 30/Del/95. Bio-Technology General Corp., U.S.A. Generation of human insulin.
- 31/Del/95. The Whitaker Corporation, U.S.A. In-line test switch for communications network.
- 32/Del/95. The Whitaker Corporation, U.S.A. Cable management system with remote service line testing.

13th January 1995

- 33/Del/95. H-C Industries, Inc., U.S.A. Method and apparatus for manufacturing a tamper-indicating plastic closure.
- 34/Del/95. Pfizer Inc., U.S.A. Azacyclic-heterocyclic compounds as angiotensin II receptor antagonists.
- 35/Del/95. Pfizer Inc., U.S.A. Hypocholesterolemic agents.
- 36/Del/95. Pfizer Inc., U.S.A. Steroidal Glycosides.
- 37/Del/95. Pfizer Inc., U.S.A. Neuroprotective compounds.
- 38/Del/95. Pfizer Inc., U.S.A. Doxycycline analogs.
- 39/Del/95. Pfizer Inc., U.S.A. Amide derivatives of 16-membered ring antibiotic macrolides.

16th January 1995

- 40/Del/95. The Whitaker Corporation, U.S.A. Electrical connector with surface mount contacts.
- 41/Del/95. The Whitaker Corporation, U.S.A. Electrical connector, Housing and contact. (Convention date 25th January, 1994, 16th February, 1994, 6th June, 1994 and 11th August, 1994) Great Britain.
- 42/Del/95. The Procter & Gamble Company, U.S.A. 5-(2-imidazolyl-ethyl)-benzimidazole compounds useful as alpha-2 adrenoceptor agonists.
- 43/Del/95. The Procter & Gamble Company, U.S.A. 6-(2-imidazolyl-nylamino) quinoline compounds useful as alpha-2 adrenoceptor agonists.
- 44/Del/95. The Procter & Gamble Company, U.S.A. Detergent compositions inhibiting dye transfer. (19th January, 1994) U.K. (Conv. dt.)

45/Del/95. The Procter & Gamble Company, U.S.A. Detergent compositions polyamine n-oxide polymers. (Convention date 19th January, 1994) U.K.

46/Del/95. The Procter & Gamble Company, U.S.A. Absorbent articles having undergarment covering components with zones of extensibility.

47/Del/95. A.G. (Parents) Limited, England. Manufacturing infusion packages. (Convention date 28th April, 1989) U.K.

48/Del/95. Texas Industries, Inc., U.S.A. Method and apparatus for using steel slag in cement clinker production.

49/Del/95. Sulzer Chemtech AG, Switzerland. Flat structural elements and a packing composed of such structural elements.

50/Del/95. Motorola, Inc., U.S.A. Method and apparatus for controlling encoding rate in a communication system.

51/Del/95. Novell, Inc., U.S.A. Extended attributes file system.

52/Del/95. Motorola, Inc., U.S.A. Method and apparatus for identifying a transmitter in a simulcast radio communication system.

53/Del/95. G. H. Mumm Et Cie. Societe Vinicole De Champagne, Successeur, France. Closure device for bottles of sparkling wine.

54/Del/95. Motorola Inc., U.S.A. Method and apparatus for energy conservation in a communication system.

17th January 1995

55/Del/95. The Chief Controller Research & Development, Ministry of Defence, New Delhi. A method of improving the etch factor.

56/Del/95. The Chief Controller Research & Development, Ministry of Defence, New Delhi. An interactive image analysis system.

57/Del/95. Chandrakant V. Solanki and Trupti H. Solanki, New Delhi. A tool holder.

58/Del/95. SBL Limited, New Delhi. Anti flu composition in homoeopathy and the process of preparing the same.

59/Del/95. SBL Limited, New Delhi. Fissure piles composition in homoeopathy and the process of preparing the same.

60/Del/95. SBL Limited, New Delhi. Anti traumatic composition in Homoeopathy and the process of preparing the same.

61/Del/95. Abitibi-prince Inc., Canada. Method for the supercritical water oxidation of organic compounds.

62/Del/95. Oceaneering International, Inc., and Owens-Corning Fiberglas Corporation, U.S.A. Enclosure for thermo-electric refrigerator and method.

63/Del/95. Marlow Industries, Inc., Oceaneering International, Inc., and Owens-Corning Fiberglas Corporation, U.S.A. Thermo-electric refrigerator.

64/Del/95. Flurichemie Anstalt, Liechtenstein. Medicament inhaler and method.

65/Del/95. Micropynetic Hectors International Inc., U.S.A. Modulated and/or regenerative filter optionally with in-situ heating element(s).

66/Del/95. Zeneca Limited, England. Azo dyes. (Convention date 10th February, 1994) U.K.

67/Del/95. The Chief Controller Research and Development, Ministry of Defence. Combustible cartridge case formulation for tank/artillery—Gun ammunition and its method of manufacture.

68/Del/95. Ciba-Geigy AG, Switzerland. Hydrogenation catalyst, process for the preparation thereof and hydrogenation process.

19th January 1995

69/Del/95. Zeneca Limited, England. Organic Chemicals. (Convention date 10th February, 1994) U.K.

70/Del/95. Alliedsignal Europe Services Techniques, France. Servo with enhanced safety.

71/Del/95. GEC Alsthom T & D SA, France. A puffer, circuit-breaker having a pneumatically-locked semi-moving piston.

72/Del/95. Ericsson Ge Mobile Communications Inc., U.S.A. A method and system for demodulation of downlink CDMA signals.

73/Del/95. The Procter & Gamble Company, U.S.A. Dual textured implement for personal cleansing and method of construction.

20th January 1995

74/Del/95. Council of Scientific and Industrial Research, New Delhi. An improved process for the preparation of Sol-Gel boehmite. As a precursor for the preparation of abrasive alumina.

75/Del/95. Council of Scientific and Industrial Research, New Delhi. M/s Carborandum Universal Ltd. Madras. A seeding composition useful for the preparation of abrasive Alumina from Boehmite.

76/Del/95. Council of Scientific and Industrial Research, New Delhi. M/s Carborandum Universal Ltd. Madras. An improved process for the preparation of modified non-fused sol-gel alumina abrasive grains.

77/Del/95. Laboratories Glaxo S.A., France. Tetracyclic derivatives, process of preparation and use. (Convention date 21st January, 1994) U.K.

78/Del/95. Motorola, Inc., U.S.A. Automatic menu item sequencing method.

79/Del/95. Ciba-Geigy AG, Switzerland. Process for the hydrogenation of imines.

80/Del/95. Motorola, Inc., U.S.A. Automatic frequency control in a radio communication receiver.

81/Del/95. Kennametal Inc., U.S.A. Endmill adapter with torque reducing locknut and collet interface.

23rd January 1995

82/Del/95. Poranunt Co. Ltd., Thailand. Container.

83/Del/95. The Procter & Gamble Company, U.S.A. cleansing compositions.

84/Del/95. Allegheny Ludlum Corporation, U.S.A. Creep resistant iron-chromium-aluminum alloy and article thereof.

85/Del/95. Laboratoires Glaxo S.A., France. Tetracyclic derivatives, process of preparation and use. (Convention date 21st January, 1994) U.K.

86/Del/95. Allegheny Ludlum Corporation, U.S.A. Creep resistant iron-chromium-aluminum alloy substantially free of molybdenum.

87/Del/95. Morton International, Inc., U.S.A. Polyester dispersions, method of preparation.

88/Del/95. Zeneca Limited, England. Process. (Convention date 10th February, 1994) U.K.

24th January 1995

89/Del/95. Pradeep Kapur, New Delhi. The manufacturing of casing & tubing pipes.

90/Del/95. Delsay (Societe Anonyme), France. An adjustable support device with rollers, and pieces of baggage that incorporate at least one such device.

91/Del/95. The General Hospital Corporation, U.S.A. targetted cytolysis of hiv-infected cells by chimeric CD4 receptor-bearing cells and process of preparation thereof.

92/Del/95. Institute of gas technology, U.S.A. Two-phase anaerobic digestion of carbonaceous organic materials.

93/Del/95. Advanced Risc Machines Limited, England. Multiple instruction set mapping. (Convention date 3rd May, 1994) U.K.

94/Del/95. Advanced Risc Machines Limited, England. Testing data processing apparatus. (Convention date 25th April, 1994) U.K.

95/Del/95. Tetra Laval Holdings & Finance SA., Switzerland. A rotary printing press.

96/Del/95. Tetra Laval Holdings & Finance SA., Switzerland. A printing unit for a rotary printing press.

25th January 1995

97/Del/95. Tomohiro Shindo, Japan. Seeding sheet and apparatus for making same.

98/Del/95. Krishan Kumar Raghuvanshi, Patiala (Panjab). Virtual-reality camera still with viewer.

99/Del/95. Krishan Kumar Raghuvanshi, Patiala. Electronic purse.

100/Del/95. The Chief Controller Research & Development, Ministry of Defence, New Delhi. A stress test system.

101/Del/95. The Chief Controller Research and Development, Ministry of Defence, New Delhi. A process for the preparation of a combustible tube.

102/Del/95. Praxair Technology, Inc., U.S.A. Impact resistant oxidation protection for graphite parts.

103/Del/95. Westinghouse Air Brake Company, U.S.A. Slackless drawbar assembly utilizing a ball and race assembly.

104/Del/95. Petersen Manufacturing Inc., U.S.A. Locking pliers with axial clamping action.

105/Del/95. Motorola, Inc., U.S.A. Facsimile communication with selective call receivers.

106/Del/95. Intel Corporation U.S.A. Method and apparatus for transmitting information on a wired-of bus.

27th January 1995

107/Del/95. The Procter & Gamble Company, U.S.A. Process for applying a thin film containing low levels of a functional-polysiloxane and a non-functional-polysiloxane to tissue paper.

108/Del/95. The Procter & Gamble Company, U.S.A. Biodegradable copolymers and plastic articles comprising biodegradable copolymers.

109/Del/95. Delsey (Societe Anonyme), France. An improved piece of luggage.

110/Del/95. Komal Chandra Vasaniya, New Delhi. Interior for soap cakes.

111/Del/95. Motorola, Inc., U.S.A. Method and apparatus for adaptive directed route randomization and distribution in a richly connected communication network.

112/Del/95. Dipti Datta, Canada. Packless, silencer.

113/Del/95. Zeneca Limited, England. Process. (Convention date 18th February, 1994) U.K.

114/Del/95. Centre Stephanois De Recherches Mecaniques Hydromecanique Et Frottement France. Salt bath composition based on alkali nitrates for oxidizing ferrous metal to improve its corrosion resistance.

115/Del/95. Astra Aktiebolag, Sweden. Process and apparatus for mixing cohesive powders.

30th January 1995

116/Del/95. The Procter & Gamble Company, U.S.A. Gemini polyhydroxy fatty acid amides.

117/Del/95. The Procter & Gamble Company, U.S.A. Poly polyhydroxy fatty acid amides.

118/Del/95. The Procter & Gamble Company, U.S.A. Gemini Polyether fatty acid amides.

119/Del/95. The Procter & Gamble Company, U.S.A. Polyhydroxy amides.

120/Del/95. Ashish Kr. Deb, Delhi. An energy generation device.

121/Del/95. STG Holdings Pty. Limited, Australia. Centrifugal separations apparatus. (Convention date 8th February, 1994) Australia.

122/Del/95. Keiichi Hara and Filtration Japan Co. Ltd., Japan. Electrostatic precipitator.

123/Del/95. Sedepro, France. Tire mold and tire molding process.

124/Del/95. The Goodyear Tire & Rubber Company, U.S.A. Tread application method and apparatus.

125/Del/95. Anglo American Research Laboratories (Proprietary) Limited, South Africa. Method of making a Catalyst.

126/Del/95. Rolls-Royce Power Engineering Plc., England. Burner for the combustion of fuel. (Convention date 10th February, 1994) U.K.

127/Del/95. Sedepro, France. A tire manufacturing machine and method of manufacturing tires.

128/Del/95. Albert A. Tenbusch, II, U.S.A. Underground pipe replacement technique.

129/Del/95. Zeneca Limited, England. Process (Convention date 2nd March, 1994) U.K.

31st January 1995

130/Del/95. International Business Machines Corporation, U.S.A. Microcomputer system including a microprocessor reset circuit. (Convention date 10th April, 1990) U.K.

131/Del/95. The Chief Controller Research & Development, Ministry of Defence, New Delhi. A launching device for launching a bridge assembly.

132/Del/95. The Chief Controller Research & Development, Ministry of Defence, New Delhi. Redeployable bridge assembly.

133/Del/95. The Chief Controller Research & Development, Ministry of Defence, New Delhi. A re-deployable bridge support.

134/Del/95. The Chief Controller Research & Development, Ministry of Defence, New Delhi. A folding and unfolding device/mechanism.

135/Del/95. G. D. Agarwal, Shahjahanpur. A penile prosthesis.

136/Del/95. ICI Canada, Inc., Canada. Transmission tube connector.

137/Del/95. Landis & Gyr Technology Innovation AG., Switzerland. Information carrier with optical markings.

138/Del/95. The standard Oil Company, U.S.A. Acetonitrile purification via an adsorption-based process.

139/Del/95. BP Chemicals Limited, England. A process for the gas phase manufacture of elastomeric copolymers.

140/Del/95. Warner-Lambert Company, U.S.A. Insert molded dynamic opposing blade shaving system.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice, or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनदान का विरोध करने के इच्छुक कोई व्यक्ति, उसके निर्यात की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि में उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के सहित विहित प्रपत्र-14 पर आवेदन एक महीने की अवधि में अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही काइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुस्यू हैं।”

वर्गीकरण (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार एवम् सौंपित करने के उपरान्त उसकी आवश्यकता पर की जा सकती है। विनिर्देश की पष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के साथ नीचे वर्णित चित्र आरेखों कागजों के जोड़कर उसे 2 से गणा करके (अर्थात् प्रत्येक पष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचयन किया जा सकता है।

Cl. : 34 A C.

174951

Int. Cl.⁴: D 01 F 11/04, 11/06, 6/62.**AN ORIENTED POLYESTER FILM AND PROCESS FOR PRODUCING THE SAME.**

Applicant : HOECHST CELANESE CORPORATION OF ROUTE 202-206 NORTH, SOMERVILLE, NEW JERSEY, U.S.A.

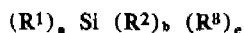
Inventor : HOWARD WAYNE SWOFFORD.

Application No. 651/Cal/1989; filed on 9th August, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

17 Claims

An oriented polyester film having a primer coating composition on at least one side thereof, said primer coating composition comprising the dried residue of a hydrolyzed amino-silane compound having the formula in the unhydrolyzed state;



wherein R¹ is a functional group with at least one primary amino group, R² is a hydrolyzeable group selected from the group consisting of a lower alkoxy group having 1-8 carbon atoms, C₁ to C₈, an acetoxy group, or a halide group and R³ is a nonreactive, nonhydrolyzeable group selected from the group consisting of a lower alkyl having 1-8 carbon atoms or a phenyl group; with (a) being greater than or equal to 1; (b) being greater than or equal to 1; (c) being greater than or equal to zero, and with a+b+c=4, said primer coating composition being present at weight effective to improve the adhesion of one or more extrusion coated polymers to said polyester film.

(Compl. Specn. 21 pages.)

Drgns. Nil.)

Cl. : 157 D, [L]

174952

Int. Cl. : B 61 K, 5/04.

DEVICE FOR SECURING IN POSITION GUIDE RAILS.

Applicant : VOEST-ALPINE EISENBAHNSYSTEME GESELLSCHAFT M.B.H. OF 1040 VIENNA, VIENNA, FLORAGASSE 7, AUSTRIA.

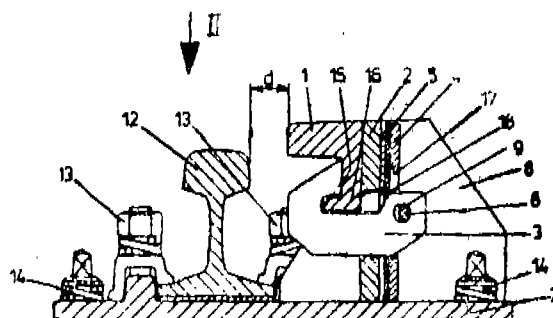
Inventors : (1) DIETER FRITZ, (2) HEINZ OSSBERGER, (3) JOHNNES RAINER OSWALD.

Application No. 455/Cal/1990; filed on 29th May, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

8 Claims

Device for securing in position guide rails (1), in which device the guide rail (1) is free of perforations and is seized by claws (3), which claws (3) are fixed to a mounting part, characterized in that the mounting part comprises a mounting plate (2) extending in parallel relation to the longitudinal direction of the guide rail (1) and in that the claws (3) can be passed through perforations (16) in the mounting plate (2) and can be braced, in particular with interposition of a spring (4, 19, 22), against the mounting plate (2) at the side of the guide rail (1) which is located opposite the mounting plate (2).



(Compl. Specn 16 pages.)

Drgns. 4 sheets.)

Cl. : 206 H 7

174953

Int. Cl. H 01 J 29/02.

METHOD OF FORMING A SHRINK FIT IMPLSION PROTECTION BAND FOR CATHOD RAY TUBE.

Applicant : THOMSON CONSUMER ELECTRONICS, INC. OF 600 NORTH SHERMAN DRIVE, INDIANAPOLIS, INDIANA 46201, UNITED STATES OF AMERICA.

Inventor : HARRY ROBERT SWANK.

Application No. 905/Cal/1990; filed on 29th October, 1990.

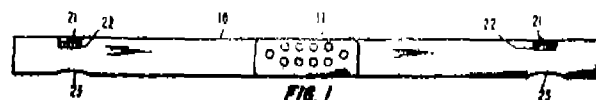
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

2 Claims

A method of forming a shrink fit implosion protection band for a rectangularly shaped cathode-ray tube having rounded corners, including forming at least one strip of material into a rectangularly shaped loop having rounded corners, the dimensions of the loop being smaller than corresponding dimensions of the tube, and tension-fitting the loop on the tube envelope, by first expanding and then contracting the loop; characterized by the steps of :

providing cutouts at a plurality of locations along the strip, before forming the loop, and

expanding the loop by stretching its diagonal dimintions by 1.0% to 1.5%, to form necked down areas in the loop adjacent the cutouts.



(Compl. Sepcn. 8 pages;

Drgns. 1 sheet.)

Cl. 163 B 2, 68 B.

174954.

Int. Cl.⁴ H 02 P 1/04.**IMPROVED FAN ASSEMBLY.**

Applicant & Inventor : YIN-CHIEH LIAO, OF No. 106, LANE 6, SEC. 1, CHUNG-SHAN RD., TA-TSUEN HSIANG, CHANGHUA HSIEN, TAIWAN, REPUBLIC OF CHINA.

Application No. 219/Cal/1990; filed on 15th March, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

9 claims.

A fan assembly, comprising :

- a stationary support;
- a rotary support mounted on said stationary support for rotation about the axis of said stationary support;
- a first motor connected to said rotary support so as to rotate said rotary support;
- a plurality of fan units mounted on said rotary support, each of said fan units mounted on said rotary support, each of said fan units being provided with a second motor;
- a first conductor connected to said first motor;
- second conductors respectively connected to said second motors;
- first conducting plates mounted to said rotary support to rotate simultaneously with said rotary support, each of said first conducting plates being connected to each of said second conductors and having a first annular conductive face;
- second conducting plates each provided between two adjacent said first conducting plates, said second conducting plates being stationary and each having a second annular conductive face in contact with said first annular conductive face; and
- third conductors respectively connected to said second conducting plates.

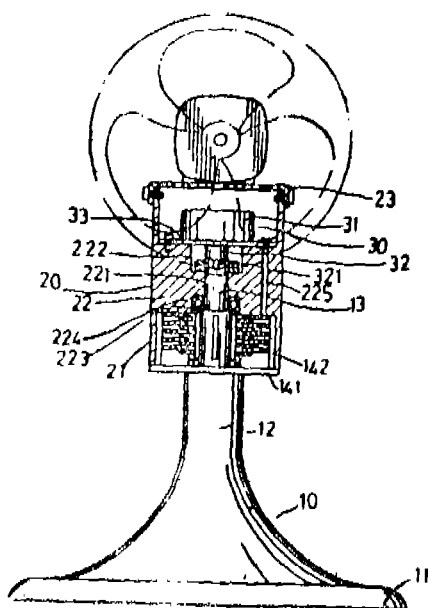


FIG. 1

Compl. specn. 13 pages.

Drgns 4 sheets.

Cl. 194-C-1.

174955

Int. Cl. H 01 J 29/92, 29/90.

ELECTRON GUN SEALED STATE INSPECTING APPARATUS.

Applicant : SAMSUNG ELECTRON DEVICES CO., LTD.
OF 575, SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KUNGGI-DO, REPUBLIC OF KOREA.

Inventor : KWAN-SUN CHOI.

Applicat. on No. 398/Ca/1991; filed on 27th May, 1991.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An electron gun sealed state inspecting apparatus of a cathode-ray tube comprising frame and inspecting means such as herein described for inspecting electron gun sealed state of the tube supported on the upper part of the frame, comprising :

- a supporter 14 installed rotatively onto a frame 20;
- having a fixed plate 11 installed onto the other part of said supporter 14 and equipped with a first loader to which the neck of a cathode-ray tube is loaded;
- a supporting plate 12 resiliently installed onto the upper part of said fixture plate 11 and equipped with a second loader 12a positioned above said first loader so that the funnels of tubes of different standards are loaded;
- a fixing frame 13 attached to the upper side of the fixture plate 11; and
- a plurality of adjustable setting means such as herein described provided onto the fixed frame 13 to which the outer side of the panel of a cathode-ray tube of various standards set either to the first or second loaders 11a and 12a can be positioned and attached firmly.

Fig. 1

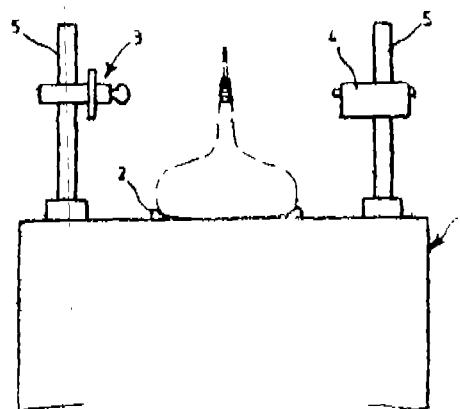
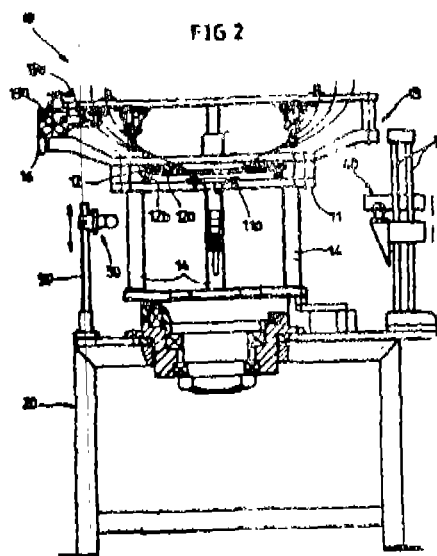


FIG 2



Compl. specn. 11 pages.

Drgns. 4 sheets.

Cl. 157 D. 3

174956

Int. Cl.⁴ B 61 K 5/02.**"DEVICE FOR SETTING A TOOL FRAME ON TRACK"**

Applicant : FRANZ PLASSER, BAHNBAUMASCHINEN INDUSTRIEGESELLSCHAFT M. B. H. OF A-1010 VIENNA, JOHANNESGASSE 3, AUSTRIA.

Inventor : ENG. JOSEF THEURER, ENG. WILHELM FRASCHL.

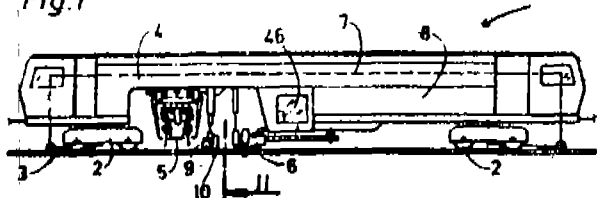
Application No. 729/Cal/1991; filed on 27th September, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 claims.

A device for setting a tool frame on the rails of a track comprising a sensor for scanning a rail, the tool frame which comprises flanged wheels being pivotally connected by drives to the machine frame of a travelling on-track track maintenance machine and being designed to be locked in an out of use position, characterized in that, at least during the centring operation, the sensor (27; 40; 56) connected to the tool frame (12; 36) being arranged in the radial plane (55) of at least one flanged wheel (15; 44) and connected to a hydraulic control unit (51) for interrupting the actuation of a transverse displacement drive (14; 34) pivotally connected between the machine frame and tool frame (4, 12; 32, 35) and being designed to release an acoustic or optical signal.

Fig.1



Compl. specn. 17 pages.

Drgns. 1 sheet.

Cl. 128 K.

174957

Int. Cl.⁴ A 61 B 17/28 & 17/42.**"INTRAVAGINAL UTERINE FORCEPS FOR ABDOMINAL TUBECTOMY"**

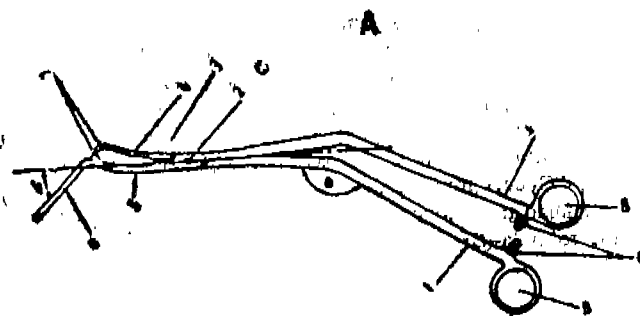
Applicants & Inventors : (1) DR. BIMAL CHANDRA BHADRA AND (2) SMT. BINA RANI BHADRA OF ORDINANCE FACTORIES HOSPITAL, ICHAPORE, P. O. ICHAPORE-NAWABGUNJ, DISTRICT-NORTH 24 PARGANAS, WEST BENGAL INDIA.

Application No. 85/Cal/1991; filed on 13th November, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 claims.

An intravaginal uterine forceps for abdominal tubectomy of females of the group specified hereinbefore comprising a handle part consisting of a pair of arms, a pair of rings or substantially round shaped holes integrally formed at the tips of the arms of said handle part, a pair of co-operating blades fulcrumed at the other end of said handle, means provided at the ends of the pair of blades for firmly gripping the posterior lip of cervix of the uterus, an intrauterine portion formed integrally with the lower blade end at an angle away from the axis thereof wherein the said handle part is bent at about preferably two-thirds distance away from its tip at a predetermined angle in dependence upon the requirement needed according to the physical formation of the particular female i.e. whether she is obese, lean and thin.



Compl. specn. 9 pages.

Drgns. 1 sheet.

Cl. 32 F 2b + 55 D 2

174958

Int. Cl.⁴ C 07 D 401/00, 401/06. A 01 N 43/90.**"A METHOD PREPARING PYRIDINE DERIVATIVES HAVING HERBICIDAL ACTIVITIES"**

Applicants : (1) KUMIAI CHEMICAL INDUSTRY CO. LTD. OF 4-26, IKENOHATA 1-CHOME, TAITOH-KU, TOKYO JAPAN, AND (2) IHARA CHEMICAL INDUSTRY CO. LTD. OF 4-26, IKENOHATA 1-CHOME, TAITOH-KU, TOKYO JAPAN.

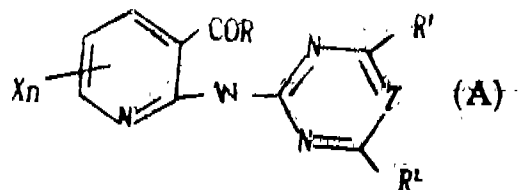
Inventors : (1) MASAHIRO MIYAZAKI, (2) MASAFUMI MATSUZAWA, (3) KEIJI TORIYABE, (4) MICHIO HIRATA.

Application No. 402/Cal/1992; filed on 04th June, 1992.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method for preparing a pyridine derivative having the general formula (A).



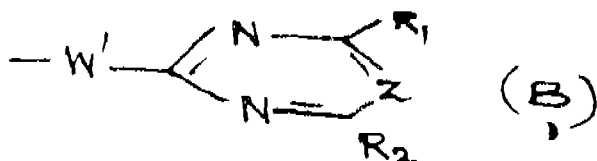
wherein R is a hydrogen atom, a hydroxyl group, a C₁~C₁₂ alkoxy group, a C₁~C₆ alkoxy C₁~C₆ alkoxy group, a C₁~C₈ acyloxy C₁~C₆ alkoxy group, a benzyloxy group which may be substituted, a trimethylsilylethoxy group, a C₁~C₆ alkylsulfonylamino group, a C₁~C₆ alkylthio group, a phenoxy group which may be substituted, a phenylthio group which may be substituted or an imidazolyl group: R¹ and R² may be the same or different, and are a hydrogen atom, a C₁~C₆ alkoxy group, a halogen atom, a C₁~C₆ alkylamino group, a di C₁~C₆ alkylaminogroup, a halo C₁~C₆ alkoxy group or a C₁~C₆ alkyl group:

W is an oxygen atom, a NH group or a group of the formula: >NC(O)B (wherein B is a hydrogen atom or a C₁~C₆ alkoxy group):

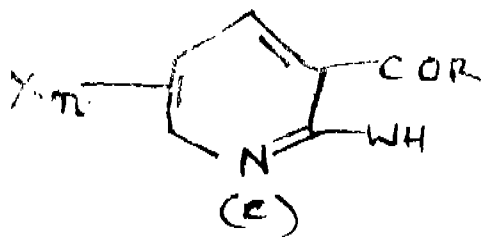
Z is a methine group or a nitrogen atom:

X is a halogen atom, a halo C₁~C₆ alkyl group, a C₁~C₆ acylamino group, a C₁~C₆ alkyl group, a cyclo C₃~C₆ alkyl group, a halo C₁~C₆ alkoxy group, a C₂~C₆ alkynyl group, a C₃~C₆ alkynyl group, a C₁~C₆ alkoxy-

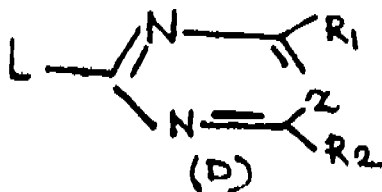
carbonyl group, a C_1-C_6 alkoxy group, a C_1-C_6 alkylamino group, a di C_1-C_6 alkylamino group, a phenyl group, a substituted phenyl group, a benzyl group which may be substituted, a benzyloxy group which may be substituted, a benzylthio group which may be substituted, a phenoxy group which may be substituted, a phenylthio group which may be substituted, a C_1-C_6 alkoxyimino C_1-C_6 alkyl group, a C_1-C_6 acyl group, a C_1-C_6 alkylthio group, a C_6-C_{10} arylamino group which may be substituted or a group having the formula-(B)



(wherein R_1 , R_2 , and Z are as defined above; and W_1 is an Oxygen atom, a sulfur atom, a NH group or a group of the formula, $>NC(O)B$ (wherein B is a hydrogen atom or a C_1-C_6 alkoxy group) n is 0 or an integer of 1 to 3; and X may be a combination of different groups when n is at least 2, Which comprises reacting a compound of the general formula C



where R , X_1 and X_2 are as defined before and WH , where W , which may be substituted, is as defined before, with a compound of formula (D) where R_1 , R_2 and Z are as defined before, and L is selected from A Halogen atom or a C_1-C_6 alkylsulfonyl group, a benzyl sulfonyl group which may be substituted a C_1-C_6 alkylsulfonate group, a halo C_1-C_6 alkylsulfonate group and a benzyl sulfonate group,



in the presence of at least equivalent amount of a base as herein defined, in the appropriate solvent as herein defined, at a temperature ranging from room temperature to the boiling point of the solvent, optionally.

converting said Piridine derivative by a known method into its salts, such as alkali metal, alkaline earth metal and transition metals or organic or inorganic ammonium salts.

Compl. specn. 73 pgs.

Cl. 32 E-IX(1)

174959.

Int. Cl.4 : H 01 J 29/22.

"METHOD OF MANUFACTURING A LUMINESCENT SCREEN ASSEMBLY".

Applicant : THOMSON CONSUMER ELECTRONICS, INC. OF 600 NORTH SHERMAN DRIVE, INDIANAPOLIS, INDIANA 46201, UNITED STATES OF AMERICA.

Inventors : (1) PETER MICHAEL RITY, (2) HARRY ROBERT STORK.

Application No. 356/Ca/1990; filed on 30th April, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 claims.

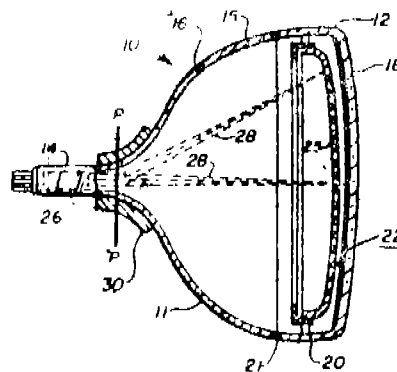
A method of manufacturing a luminescent screen assembly such as hereinbefore described on a substrate of a colour CRT, comprising the steps of :

a) providing a layer of a non-luminescent light-absorptive black matrix screen-structure material in a predetermined pattern on said substrate;

(b) applying green, blue and red-emitting phosphor screen-structure materials on said substrate, said colour emitting materials being surrounded by said non-luminescent material;

(c) applying an electrostatically charged dry-powdered filling resin onto said non-luminescent and said colour-emitting screen structure materials; and

(d) fusing said resin at a temperature of less than about 120°C to form a substantially continuous film layer.



Compl. specn. 18 pages.

Drgns. 2 sheets.

Cl. 127 G.

174960.

Int. Cl.4 H 02 P 7/747.

" BACKLASH-FREE, MULTI-PINION DRIVE SYSTEM".

Applicant : SIEMENS AKTIENGESellschaft, OF WITTELSBACHERPLATZ 2, D(8000), MUNICH 2, WEST GERMANY.

Inventors : (1) KLAUS KOOPMANN, (2) CHRISTIAN KELLER, (3) INGEMAR NEUFFER.

Application No. 812/Ca/1990; filed on 18th September, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims.

A backlash-free, multi-pinion drive system, eg. for open cast mining apparatus, converter tipper drives or the like, in particular having four pinions which act on a wheel and having drive motors (20, 21, 22, 23) which are torque-controlled by

way of desired value characteristics and which for jolt-free compensation of the backlash of teeth, act at least partially against one another when reversing or starting up, but act in the same direction after reversing or starting up, wherein the individual in-line drive motor (20, 21, 22, 23) have torque control and rotational speed control during reversal or starting up, which control is adapted to allow them to carry out a tooth flank change at different times and at predetermined torques, and thereby limiting the desired torque value of the pinion undertaking a flank change, during the flank change, characterised in that an additional desired value compensating the desired torque value limitation during the flank change is delivered to the drive motors (20, 21, 22, 23), the pinions of which are free of any tooth flank change.

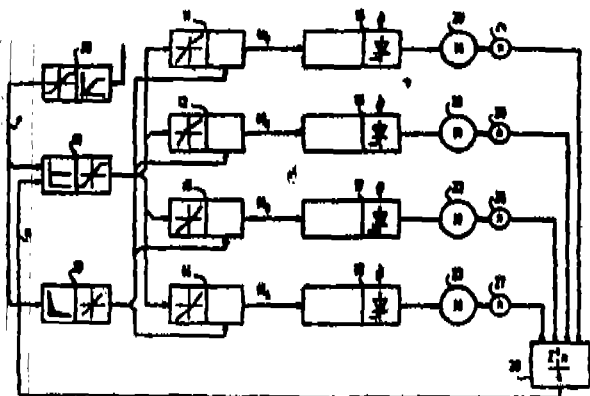


FIG 1

Compl. specn. 8 pages.

Drngs. 2 sheets.

Ind. Class : 143 D 2

174961

Int. Class⁴. B 65 B 29/02.

"APPARATUS FOR THE ATTACHMENT OF A COVER TO A POROUS BAG"

Applicant : HUGH PATRICK CHRISTIE AN AUSTRALIAN CITIZEN OF 50 BEVINGTON ROAD GIENUNGA STATE OF SOUTH AUSTRIA COMMONWEALTH OF AUSTRALIA.

Inventors : HUGH PATRICK CHRISTIE, 2. ALIAN KENNETH WALLACE.

Application No. 524/Mas/89 filed on 10th July 1989.

(Conventional No. PL 9222 filed on 11th July 1988 (Australia)).

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

9 Claims

Apparatus for the attachment of a cover to a porous bag having at least one side or end flange, the bag containing an infusible substance such as tea or coffee, the said apparatus comprising means (3) to supply a continuous feed of sheet material to form the covers of the bags, a cutting blade (25) to cut the sheet material into separate covers, supply means (7) to feed the bag to the apparatus, means to feed the bags and position the bags on the covers, attaching means (15) to attach a flange of the bag to cover, creasing blade (16) to crease the cover immediately, a seaming bar (18) to fold the cover about the bag, characterised in that the means to feed and position the bags on the cover includes a tray (38) adapted to receive individual bags from the supply means (7) means to move said tray and bag to position adjacent said creasing (16) and attaching (15) means and transfer means to transfer the bag with cover attached to an output channel (24).

(Complete Specification 16 Pages)

Drngs. 2 Sheet)

Ind. Class - 188

174962

Int. Cl.⁴ - C 23 C 2/18

A GAS JET WIPING NOZZLE FOR USE IN CONTROLLING THE FILM APPLIED FROM THE DIP COATING OF A METAL FILAMENT TRAVELLING THROUGH A LIQUID METAL BATH.

Applicant : AUSTRALIAN WIRE INDUSTRIES PTY. LTD., OF 37-49 PITT STREET, SYDNEY, NSW 2000, AUSTRALIA, A COMPANY INCORPORATED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW SOUTH WALES.

Inventors : MALCOLM ALLAN ROBERTSON,

Application No. 595/Mas/89 filed August 9, 1989.

Convention date : August 24, 1988; (No. PJ 0032; Australia)

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

17 Claims

A gas jet wiping nozzle for use in controlling the film applied from the dip coating of metal filament travelling through a liquid metal bath, the said nozzle comprising as an upper annular part (11) having an upper annular, frusto conical surface (13) and a lower annular surface (15) meeting in a sharp annular edge (17), the said sharp annular edge being formed by two surfaces meeting along a line, or which is truncated to have a thickness not more than 3 mm, or is rounded off with a radius of no more than 2 mm; (b) a lower annular part (12) having an upper annular surface (15), a lower annular, frusto conical surface (16), and an annular edge (18); (c) an annular gas passage (19) defined between adjacent lower and upper surfaces (15, 14) of the upper and lower annular parts (11, 12) respectively and terminating between the edges (17, 18) in an annular gas orifice (20); and (d) a filament orifice through which the metal filament (25) is intended to pass in an upward direction generally coincident with the axis of the annular gas orifice (20), the filament orifice being defined by the edges (17, 18) and the annular gas orifice (20); the upper and lower surfaces (14, 16) of the lower annular part (12) also meet in a sharp annular edge comprising the edge (18), said edge being formed by two surfaces meeting along a line, or being truncated to have a thickness not more than 3 mm or is rounded off with a radius of no more than 2 mm; (i) the included angle between the upper surface (13) of the upper annular part (11) and the direction of travel of gas when leaving the gas orifice is smaller than $(80-x)^{\circ}$, the direction of travel of the gas leaving the gas orifice generally corresponds to a notional centre line defined between the upper surface (14) of the lower annular part (12) and the lower surface (15) of the upper annular part (11) in the vicinity of the annular gas orifice (20) when the nozzle is viewed in radial section, (ii) the included angle between the lower surface (16) of the lower annular part (12) and the said notional centre line is smaller than $(70+x)^{\circ}$, wherein x is a predetermined angle and is the included angle between a plane normal to the axis of the annular gas orifice (20) and said notional centre line; the lower surface (16) of the lower annular part (12) faces the liquid bath (24), and is so disposed that the minimum included angle between that surface (16) and the axis of the annular gas orifice (20) is at least 20° ; and the upper surface (13) of the upper annular part (11) is so disposed that the minimum included angle between that surface (13) and the axis of the annular gas orifice (20) is at least 10° .

Com. - 23 pages; Drngs. 1 sheet)

Ind. Class - 85-J

174963

Int. Cl.⁴ - F 23 C 11/02

A FAST FLUIDIZED BED REACTOR

Applicant : A. AHISTROM CORPORATION, A CORPORATE BODY EXISTING UNDER THE LAWS OF FINLAND, OF SF-29600 NOORMARKKU, FINLAND.

Inventors : (1) MATTI HILTUNEN (2) RAGNAR LUNDQVIST (2) JUHA SARKKI.

Application No. 600/Mas/89 filed August 11, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

23 Claims

A fast fluidized bed reactor comprising :

an upright combustion chamber (2) having an upper region (15) with vertical peripheral walls (14) and a lower region (17) with at least one downwardly and inwardly inclined peripheral wall (16) for flow of a relatively dense layer of particles downwardly close to its surface;

an inlet (3, 4) in said combustion chamber for particulate material to be reacted;

an outlet (8) disposed in the upper region of said combustion chamber for discharging gas from said combustion chamber;

a windbox (5) beneath said combustion chamber for providing fluidizing gas to said combustion chamber;

a grid plate (7) between said windbox and said combustion chamber said grid plate having openings for supplying gas from said windbox to said combustion chamber at sufficient velocity to fluidize particulate material in the combustion chamber and to transport a portion of the particulate material out of the combustion chamber with the discharged exhaust gas; a particle separator, (9) connected to said exhaust gas outlet for separating entrained particles from the exhaust gas, said separator having an outlet (10) for clean gas and an outlet (11) for particles connected to the lower part of the combustion chamber for recycling the separated particles into the combustion chamber ;

changing means (18) inwardly of said inclined wall and above said grid plate for changing the direction of the particles, flowing downwards close to the inclined wall for preventing clogging and backflow of particles through the opening into the windbox; and

said changing means being disposed adjacent the inclined wall for directing the particles to flow in a direction away from the wall.

(Com. - 25 pages; Drawgs. - 4 sheets)

Ind. Cl.: 172 D 1

174964

Int. Cl.4 : D 02 H 1/00.

AN ENCLOSED HUMIDIFIED CREEL SYSTEM FOR RING FRAMES.

Applicant: THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION COIMBATORE AERODROME P.O. COIMBATORE-641014. TAMIL NADU, INDIA. A SOCIETY REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, 1860.

Inventors: 1. T. V. RATNAM 2. S. RAMASWAMY 3. P. MUTHUKUMARASWAMY 4. S. KADIRVEL.

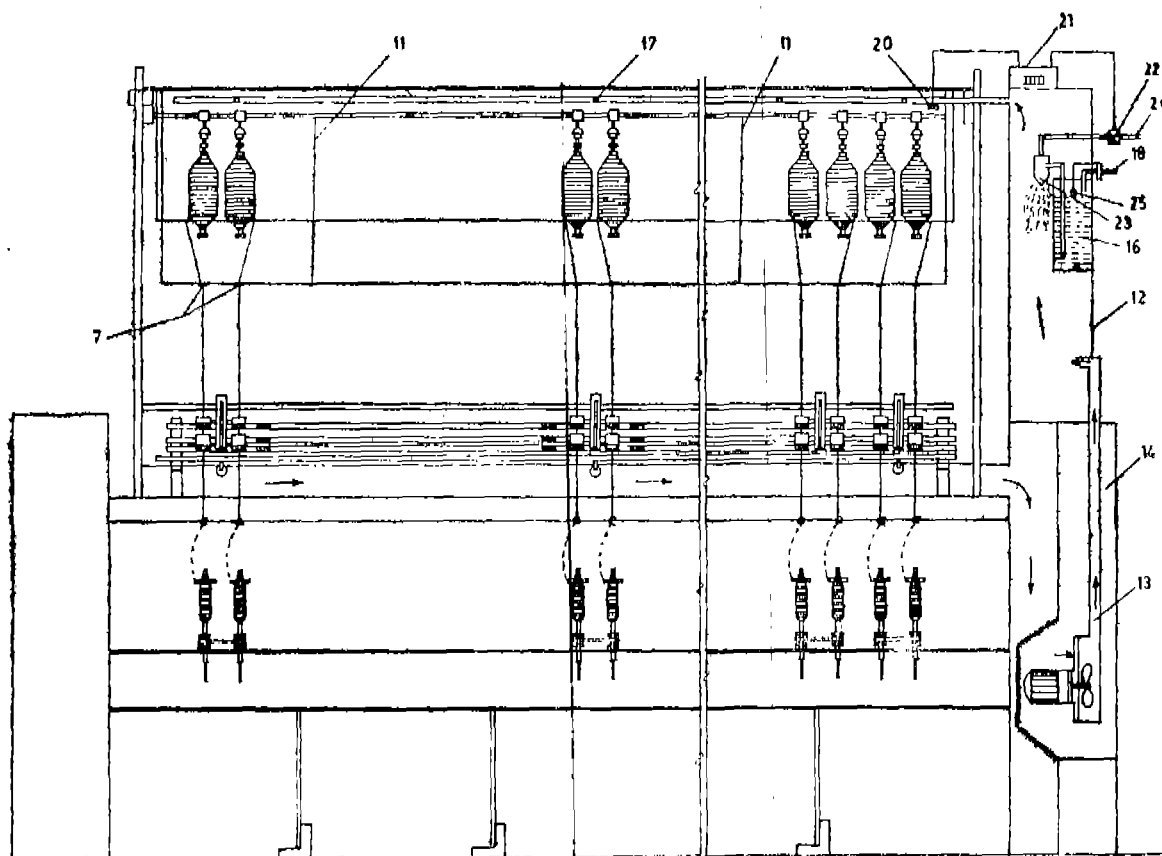
Application and Provisional Specification No. 626/MAS/90 filed on 31st July, 1990.

Completed after provisional left on 29 Oct., 91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

4 Claims

An enclosed humidified creel system for ring frames comprising an enclosure for the roving bobbins, a guide eye provided at the bottom of the enclosure through which materials are fed into a drafting system, a spindle ring and traveller assembly for twisting and winding the drawn fibre ends on a rotating package, plurality of doors provided on the enclosure for opening and replacing roving bobbins, an enclosed chamber connected to a pneumatic air outlet by means of a duct, two nozzles for supplying atomised water particles connected to a water through and a compressed air line having a solenoid valve for mixing the outlet air with atomised water particles inside the chamber a pipe line for passing humidified air from the chamber plurality of diffusers having solenoid valves for diffusing the humidified air inside enclosed creel, a humidity sensor provided inside the creel for sensing the level of humidity and an electronic circuit provided to interrupt sensor signal to operate the said solenoid valves connected to the airline.



Prov. Specification 12 pages
Compl. Specn. 14 pages

Drgs. 2 sheets
Drgs. 1 sheet.

Ind. Cl.: 203

174965

Int. Cl.: B 65 H 81/00

A REINFORCING FILAMENT ASSEMBLY FOR REINFORCING A PLASTIC OR RUBBER ARTICLE.

Applicant: COMPAGINE GENNERALE DES ETABLISSEMENTS MICHELIN—MICHELIN & CIE, OF 12 COURS SABLON, 63040 CLERMOT-FERRAND CEDEX, FRANCE, A FRENCH COMPANY.

Inventor: CHRISTOPHE PENANT.

Application No. 672/Mas/89 filed on September 11, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

4 Claims

A reinforcing filament assembly for reinforcing a plastic or rubber article comprising

(a) at least two adjacent concentric layers of filaments around a common axis, each layer comprising at least two filaments, the layer of two adjacent layers which closer to the axis being designated "i" and the layer of two adjacent layers which is further from the axis being designated "j", in plane section perpendicular to said axis, in each of these two layers the filaments have their axes arranged on a circle, the radii of these circles being designated R_i in the case of the layer "i" and R_j in the case of the layer "j"; in each of these two layers, the filaments are wound in the same direction and have the same pitch, these pitches being designated P_i in the case of the layer "i" and P_j in the case of the layer "j";

(b) the layers "i" and "j" have the same direction of winding;

(c) R_i, R_j, P_i, P_j , satisfy the relationship:

$P_i > P_j > P_i \times [1 - 2(R_j - R_i)/R_j]$, R_i, R_j, P_i, P_j being expressed with the same unit of length.

Comp. 12 pages

Drugs. 1 sheet

Ind. Cl.: 201 C

174966

Int. Cl.: C 02 F 1/00

A PROCESS FOR OBTAINING WATER FREE OF NITROPHENOLIC BY-PRODUCTS FROM WASTE WATER.

Applicant: FIRST CHEMICAL CORPORATION A CORPORATION OF THE STATE OF MISSISSIPPI, U.S.A. OF P.O. BOX 1427 PASCAGOULA, MISSISSIPPI 39567, U.S.A.

Inventors: 1. EARL GEORGE ADAMS, 2. ROBERT BRIDGES BARKER.

Application No. 682/Mas/89 filed on 13th Sept 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

6 Claims

A process for obtaining water free of nitrophenolic by-products such as herein described from waste water comprising the steps of: extracting said nitrophenolic by-products from nitration waste water by mixing said nitration waste water with a solvent and an acid such as herein described to provide a mixture having an acidic pH; heating said mixture to an elevated temperature subjecting said mixture to extraction at said elevated temperature and acidic pH to provide a solvent solution containing said nitrophenolic by-products, and wherein the said nitrophenolic solvent solution is subjected to distillation to recover the solvent and a residue containing said nitrophenolic by products which is incineratable.

Comp. Specn. 20 pages

Drugs. 2 sheets

4—17 GI/95

Ind. Cl.: 80-A&K

174967

Int. Cl.: B 01 D 27/00

HOT FLUID FILTER.

Applicant: HERDING GmbH, OF AUGUST-BORSIG-STRASSE 3, D-8450 AMBERG, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventor: HERR WALTER HERDING.

Application No. 705/Mas/89 filed on Sept 21, 1989.

Convention dated 5-6-89, No. 275437, Canada.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

6 Claims

A hot fluid filter for separating solid particles from hot flue gases in the temperature range between 120 and 800°C, comprising a refractory, permeably porous supporting body (2) of inherent stability and made of bonded together particles (12) of ceramics and/or glass; and a refractory, permeably porous coating (11) on the surface of the supporting body (2) which is exposed to the hot fluid, the said porous coating (11) consisting of particles of ceramics and/or glass bonded to each other and to the supporting body (2) by means of an inorganic binder (14) and having a smaller pore size than the supporting body (2); the coefficients of linear thermal expansion of the supporting body (2); the coating particles and of the binder (14) being almost the same; wherein the porosity of the coating (11) being the result of the evaporation of a suspending liquid and of a burning-out component of the coating mass during baking thereof; the pores (9) of the supporting body (2) at the coating surface are filled, to at least part of their depth, by the coating particles bonded together by the binder (14); and the pore size of the coating (11) being smaller than 10 μm .

Comp. 23 pages;

Drwgs. 2 sheets

Ind. Cl.: 32-E

174968

Int. Cl.: C 08 F 210/00

A PROCESS FOR THE PREPARATION OF ETHYLENE-PROPYLENE COPOLYMERS.

Applicant: ENIMONT ANIC S.R.L., A COMPANY ORGANIZED UNDER THE LAWS OF THE ITALIAN REPUBLIC OF VIA RUGGERO SETTIMO, OF 55 PALERMO, ITALY.

Inventors: (1) MAURO MIRRA (2) FRANCESCO MASI (3) RENZO INVERNIZZI (4) ELIO LANGIANNI (5) SERGIO MASINI.

Application No. 767/Mas/90 filed on September 27, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

5 Claims

A process for the preparation of ethylene-propylene copolymers having a density from about 0.880 to about 0.915 g/ml, by copolymerization of the ethylene and propylene in a reactor vessel at a temperature from 140°C to 280°C or tubular reactor at a temperature from 90°C to 120°C and at a pressure from 800 to 2000 bar in the presence of Zeigler catalyst characterized in that the said catalyst consists of:

(a) an aluminium trialkyl cocatalyst, and

(b) a solid titanium catalyst component supported on magnesium chloride, the said component being formed of spherical particles at least 70% of which have a diameter from 0.5 to 10 μm , an apparent density from 0.3 to 0.5 g/ml, a porosity from 0.6 to 1.2 ml/g, a surface area from 20 to 120 m^2/g , a hydroxy alcohol content below 2

wt % expressed as weight of ethanol, and a titanium content from 0.1 to 4.0 wt %, expressed as metallic titanium, the said titanium being present partially in the trivalent and partially in the tetravalent state, with a ratio between the said titanium in the trivalent state and the total titanium from 0.2/1 to 0.5/1;

and the reactor is supplied with a gas mixture containing ethylene and propylene in a weight ratio between 15:85 and 75:25, and optionally containing hydrogen in a quantity from 0 to 2000 parts by volume per million parts by volume of the mixture.

Comp. 21 pages.

Ind. Cl.: 90 K

174969

Int. Cl.: C 03 c 3/00

A PROCESS FOR THE HYDROTHERMAL PRODUCTION OF A POTASSIUM SILICATE SOLUTION WITH HIGH $\text{SiO}_2/\text{K}_2\text{O}$ MOLAR RATIO.

Applicant: HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY OF HENKELSTRASSE 67 4000 DUSSELDORF—HOLTHAUSEN GERMANY.

Inventors: 1. DR. RUDOLF NOVOTNY, 2. DR. ALFRED HOFF, 3. DR. JOST SCHURTZ.

Application No. 782/Mas/90 filed on 4th Oct 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

6 Claims

A process for the hydothermal production of a potassium silicate solution with a high $\text{SiO}_2/\text{K}_2\text{O}$ molar ratio of from 3.0:1 to 40:1 comprising the steps of preparing a potassium silicate solution having a $\text{SiO}_2/\text{K}_2\text{O}$ molar ratio of less than 2.75:1 in a first stage by the hydothermal reaction of quartz sand with aqueous potassium hydroxide solutions having a concentration of 15 to 30% by weight at a temperature in the range of from 150 to 300°C and under the pressure of saturated water vapour corresponding to these temperatures in a pressure reactor, and reacting the thus-prepared potassium silicate solution in a second stage, at a temperature within the same range of from 150 to 300°C and under the pressure of saturated water vapour corresponding to these temperature in a pressure reactor, with a quartz tempered at a temperature in the range of from 1300 to 1600°C and with alkali catalysis to produce the potassium silicate solution with $\text{SiO}_2/\text{K}_2\text{O}$ molar ratio.

Comp. Specn. 20 pages

Dr. Nil

Ind. Cl.: 32-E

174970

Int. Cl.: C 08 F 210/00

PROCESS FOR THE PREPARATION OF ETHYLENE-BUTENE-1 COPOLYMERS

Applicant: ENIMONT ANIC S R L, A COMPANY ORGANISED UNDER THE LAWS OF THE ITALIAN REPUBLIC OF VIA RUGGERO SETTIMO, 55 PALERMO, ITALY.

Inventors: (1) MAURO MIRRA, (2) FRANCESCO MASI, (3) RENZO INVERNIZZI, (4) ELIO LANGIANI, (5) SERGIO MASINI.

Application No. 766/Mas/90 filed on Sep 27, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

5 Claims

A process for the preparation of ethylene-butene-1 copolymers having a density from about 0.880 to about 0.914 g/ml, by copolymerization of the ethylene and butene-1 in a reactor vessel at a temperature from 140°C to 280°C or tubular reactor at a temperature from 90°C to 180°C and at a pressure from 800 to 2000 bar in the presence of Zeigler catalyst, characterized in that the said catalyst consists of:

(a) an aluminium trialkylcocatalyst, and

(b) a solid titanium catalyst component supported on magnesium chloride, the said component being formed of spherical particles at least 70% of which have a diameter from 0.5 to 10 μm , an apparent density from 0.3 to 0.5 g/ml, a porosity from 0.6 to 1.2 ml/g, a surface area from 20 to 120 m^2/g , a hydroxy alcohol content below 2 wt % expressed as weight of ethanol, and a titanium content from 0.4 to 4.0 wt %, expressed as metallic titanium, the said titanium being present partially in the trivalent and partially in the tetravalent state, with a ratio between the said titanium in the trivalent state and the total titanium from 0.2/1 to 0.5/1; the reactor is supplied with a gas mixture containing ethylene and butene-1 in a weight ratio from 15:85 to 35:65, and optionally containing hydrogen in a quantity from 0 to 2000 parts by volume per million parts by volume of the mixture.

Comp. 20 pages

Ind. Cl.: 32-F₂(a)

174971

Int. Cl.: C 07 C 91/44

PROCESS FOR PREPARING N-ALKYL-SUBSTITUTED AMINOPHENOLS.

Applicant: SUMITOMO CHEMICAL COMPANY, LIMITED, OF 5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA, JAPAN, A JAPANESE COMPANY.

Inventors: (1) HIROSHI MAKI, (2) MICHIO KAWASAKI, (3) HIROSHI SHIMIZU, (4) YOSHIKI ITO.

Application No. 607/Mas/90 filed on July 27, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600 002.

2 Claims

A process for preparing an N-alkyl-substituted aminophenol comprising the steps of continuously feeding an aldehyde selected from formaldehyde, acetaldehyde, propionaldehyde, butyraldehyde, isomylaldehyde, cyclohexylaldehyde, furfural, benzaldehyde and p-tolualdehyde or a ketone selected from acetone, 2-butanone, 4-methyl-2-pentanone, cyclopentanone, cyclohexanone, acetophenone and p-methylacetophenone to a reaction system containing an organic solvent selected from methanol and ethanol, a known catalyst for reduction, hydrogen and an aminophenol selected from o-aminophenol, m-aminophenol and p-aminophenol to conduct a reductive alkylation reaction, wherein said reductive alkylation reaction is carried out while continuously adding 0.05 to 5% by weight based on the aminophenol, of an organic carboxylic acid selected from acetic acid, propionic acid, butyric acid, isobutyric acid, valeric acid, isovaleric acid, benzoic acid, oxalic acid, malonic acid, succinic acid, maleic acid, isophthalic acid, glycolic acid, lactic acid, malic acid, tartaric acid and citric acid after at least 10 minutes after the start of the continuous feed of the aldehyde or ketone.

Comp. 20 pages

Ind. Cl. : 172-C₃

174972

Int. Cl.⁴ : D 01 G 9/20

A CLEANING MACHINE FOR TEXTILE FIBRES CONVEYED IN A CURRENT OF DELIVERY AIR.

Applicant: MASCHINENFABRIK RIETER AG. A BODY CORPORATE ORGANIZED UNDER THE LAWS OF SWITZERLAND, OF WINTERTHUR, SWITZERLAND.

Inventors: (1) RENE SCHMID (2) JURG KOLLER.

Application No. 931/Mas/89 filed on December 19, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A cleaning machine for textile fibres conveyed in a current of delivery air, the machine comprising a casing (2), a horizontal roller (1) fitted with beater elements (3) and rotatably mounted in the casing, grate bars (4, 5) located in the casing on the underside of the roller, an inlet (9) in the casing for delivery of air located at one end of the roller, an outlet (10) in the casing located at the other end of the roller, deflector plates (11, 12, 13) located in the casing between the inlet and the outlet, the deflector plates arranged so as to be inclined with respect to the axis of the roller and define transfer chambers (11-12, 12-13), said plates for the current of delivery air which travels around the axis of the roller, an air permeable wall (6, 7, 8) at least partly covering the transfer chambers, the wall being permeable to air and dust, and at least one low pressure chamber (14, 20, 21) comprising a hood (2a) connected to a suction pipe (15, 15') located above and in fluid communication with the air permeable wall.

Comp. 13 pages;

Drawgs. 1 sheet

Ind. Cl. : 32 C

174973

Int. Cl.⁴ : C 12 N 15/00.

A PROCESS FOR PRODUCING A DNA PROBE FOR IDENTIFYING A BACTERIAL STRAIN OF LACTOBACILLUS HELVETICUS SPECIES.

Applicant: SOCIETE DES PRODUITS NESTLE SA, OF CASE POSTALE 353 1800 VEVEY, SWITZERLAND A COMPANY INCORPORATED IN SWITZERLAND.

Inventors:

1. HERBERT HOTTINGER.
2. BEAT MOLLET.
3. NATHALIE PILLOUD.

Application No. 190/MAS/90, Filed on 14 March 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

5 Claims

A process for producing a DNA probe for identifying a bacterial strain of *Lactobacillus helveticus* species comprising the steps extracting DNA of strain of the *Lactobacillus helveticus*, digesting the said DNA with a Hind III to prepare Hind III clone bank and isolating therefrom a clone of Hind III DNA fragment capable of hybridisation with DNA strains of the *Lactobacillus helveticus* species.

(Comp. Specn. 15 pages;

Drawgs. 2 sheets)

Ind. Cl. : 158-C₁

174974

Int. Cl.⁴ : B 61 G 3/06.

A RAILWAY VEHICLE COUPLER.

Applicant: AMSTED INDUSTRIES INCORPORATED, 44TH FLOOR—BOULEVARD TOWERS SOUTH, 205 N MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601, U.S.A., A U.S. COMPANY.

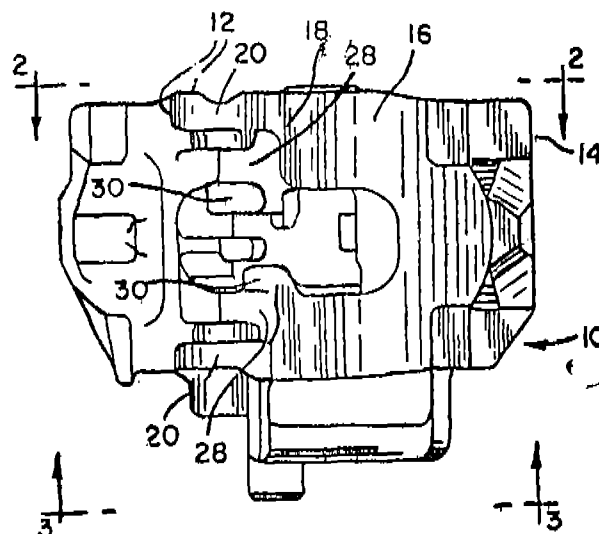
Inventor: HORST T. KAUFHOLD.

Application No. 278/MAS/90 filed April 12, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A railway vehicle coupler comprising a head consisting at least two pulling lugs, each of said lugs having a substantially vertical pulling surface for cooperation with a corresponding pulling surface on a knuckle, said substantially vertical pulling surface extending downwardly to engage a compound fillet having a variable radius, said compound fillet located behind each of said pulling lugs.



(Comp. 11 pages;

Drawgs. 3 sheets)

Ind. Cl. : 32 C

174975

Int. Cl.⁴ : C 12 N 15/00.

A PROCESS FOR PRODUCING A DNA PROBE FOR THE IDENTIFICATION OF BACTERIAL STRAINS OF THE LACTOBACILLUS DELBRUECKII SPECIES.

Applicant: SOCIETE DES PRODUITS NESTLE SA, OF CASE POSTALE 353, 1800 VEVEY, SWITZERLAND, A COMPANY INCORPORATED IN SWITZERLAND.

Inventors:

1. MICHELE DELLEY.
2. HERBERT HOTTINGER.
3. BEAT MOLLET.

Application No. 189/MAS/90 filed on 14 March 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), The Patent Office, Madras Branch.

7 Claims

A process for producing a DNA probe for the identification of bacterial strains of the *Lactobacillus delbrueckii* species comprising preparing an EcoRI clonebank from a strain of the *L. delbrueckii* species or a subspecies thereof, transforming said EcoRI clonebank into a strain of *E. coli* having a leu minus lesion, selecting for leu plus clones, and isolating such as herein described a clone in which an EcoRI DNA fragment is capable of hybridisation to chromosomal DNA of strains of the *L. delbrueckii* species.

(Comp. Specn. 19 pages;

Drawg. 1 sheet)

Ind. Cl.: 34 A

174976

Application No. 792/MAS/89 filed October 31, 1989.

Int. Cl.4 : B 65 H 51/12.

A FRICTIONAL THREAD FEED DEVICE.

Applicant: SOBREVIN SOCIETE DE BREVETS INDUSTRIES ETABLISSEMENT OF ALTENBACH 1, FL-9490 VADUZ (FURSTENTUM LIECHTENSTEIN) A COMPANY ORGANISED UNDER THE LAWS OF LIECHTENSTEIN.

Inventor: ALBERTO GUSTAVO SARFATI.

Application No. 174/Mas/90 filed on 9th March 1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972), The Patents Office Branch, Madras-2.

16 Claims

A frictional thread feed device comprising at least two drums (5, 6 or 44, 45) spaced apart with thread (F) partly wound round them, and driven in the travel direction of the thread (F) at a speed which is considerably higher than the thread unwinding speed, characterised by intermediate walls (17, 18, or 47, 48) secured in the space between the drums (5, 6, or 44, 45) for dividing the outer shell of the drums into individual areas axially displaced from each other.

(Compl. Specn. 16 pages;

Drg. 7 sheets)

Ind. Cl.: 205 G

174977

Int. Cl.4 : B 32 B 17/10, 27/38.

D 06 N 7/04.

A RETROREFLECTIVE SHEET ADAPTED TO BE BONDED TO A VULCANIZABLE OR CURABLE SUBSTRATE AND A RUBBER ARTICLE SUCH AS A TYRE.

Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE USA OF J M CENTRE SAINT PAUL, MINNESOTA 55144, U.S.A

Inventor: CHESTER A BACON Jr.

Application No. 818/Mas/89 filed on 6th November 1989.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972), The Patent Office Branch, Madras-600 002.

16 Claims

A retroreflective sheet adapted to be bonded to a vulcanizable or curable substrate such as a tyre comprising a moholayer of retroreflective elements partially embedded in an elastomeric support layer and protruding from the front side of said support layer wherein at least the back stratum of said support layer is a vulcanizable or curable elastomer, wherein said sheeting comprises an orhirectionally elastic reinforcing web atleast partially embedded in the rear portion of said support layer.

(Compl. Specn. 31 pages;

Drg. 1 sheet)

Ind. Cl.: 206-F

174978

Int. Cl.4 : H 03 M 11/00.

AN INPUT DEVICE FOR DATA PROCESSING SYSTEM.

Applicant & Inventor: THOMAS KAISER, OF SWISS NATIONALITY, OF GRUOBSTRASSE 3, CH-6372 ENNETMOOS, SWITZERLAND.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

An input device for data processing system having a keyboard and electronic circuitry associated to said keyboard, said keyboard permitting a fully blind and rhythmic access for actuating human fingers without an auxiliary keyboard for feeding data into a data processing facility, said keyboard comprising.

—a left and a right array of keys each array including a plurality of data keys having the functions of character, numeral and symbol keys, a space key and a first shift key; said data keys, space key and first shift keys of both of said right and left arrays together, a "carriage return" key in at least one of said arrays of keys and a further first shift key in one of said arrays of keys essentially constituting and providing all functions of a given standard keyboard for typewriters;

—a second shift key;

said electronic circuitry comprising

—a plurality of key switches each associated to one of said keys and including contact means actuatable by the corresponding key for generating a key actuation signal when the corresponding key is actuated;

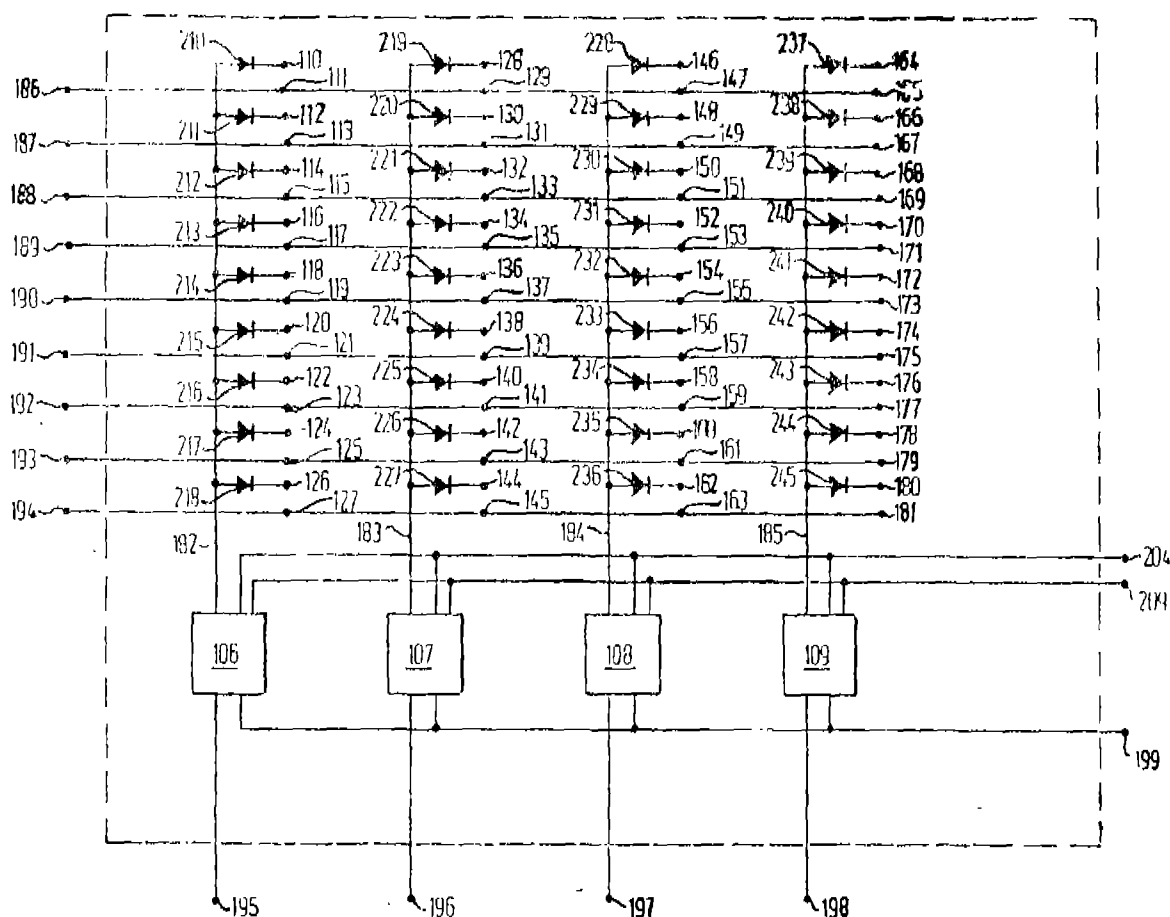
—a plurality of coding unit each comprising a plurality of code units; each code unit being responsive to a key actuation signal to generate a code signal representing a specific key function for the control of the data processing facility when actuated by a key actuation signal;

—a first switching device responsive to all first shift keys and being operative for coupling the contact means of the data keys of both arrays of keys alternatively to a first or a second coding unit both of which together being capable of generating code signals for the complete alphanumeric character set and auxiliary functions of said standard keyboard for typewriters;

—a second switching device controlled by said second shift key for coupling at least some of the contact means of said data keys at least to a third coding unit which comprises code units being capable of generating code signals for controlling functions of the data processing facility including those for a cursor control;

—said first switching device comprising a bistable circuit actuatable by a signal of key actuation from said further first shift key for alternatively producing first and second output signals for selecting alternatively said first or second coding unit to enable the selected coding unit to be responsive to key actuation signals, and further comprising gate means for producing said first signal only when no shift key is actuated, and providing said second signal when one of said shift keys is actuated;

—said second switching device comprising a second bistable device having an input coupled to the key switch of said second shift key for receiving a signal which changes the state of said bistable device, each time when said second shift key is actuated; said second switching device comprising gate means coupled to an output of said second bistable device and receiving said output signals from said first switching device, said gate means being arranged to pass said first and second signals from said first switching device to said first and second coding unit, respectively when said second bistable device is in a first state, and passing at least said first signal to said third coding unit to enable said coding unit to respond to keyactuation signals when said bistable device is in a second state of operation.



(Compl. 33 pages;

Drwgs. 7 sheets)

Ind. Cl. : 32 F

174979

Int. Cl. : B 01 J 27/04, 23/10 C B 35/02.

A PROCESS FOR MANUFACTURING HYDRODEMETHALISED AND HYDRODESULFURIZED HYDROCARBONACEOUS FEEDSTOCK.

Applicant : CHEVRON RESEARCH COMPANY A CORPORATION DULY ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE UNITED STATES OF AMERICA OF 555 MARKET STREET, SAN FRANCISCO, CALIFORNIA, UNITED STATES OF AMERICA.

Inventor : DAVID R. JOHNSON.

Application No. 749/Mas/89 filed on 12th October 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), The Patent Office Branch, Madras-2.

15 Claims

A process for manufacturing hydrodemetalised and hydrodesulfurized hydrocarbonaceous feedstock comprising contacting hydrocarbonaceous feedstock such as herein described in the presence of hydrogen gas at a temperature between 600°F and 1000°F and a pressure between 100 and 10,000 psig with a catalyst comprising a hydrogenation component selected from group VI and group VIII metals and an inorganic refractory support, wherein the said catalyst has (a) 5 to 11 percent of its pore volume in the form of macropores and (b) a surface area greater than 75m²/g of catalyst.

(Compl. Specn. 28 pages

No. Drg.)

Ind. Cl. : 129 I

174980

Int. Cl. : B 42 F 13/00.

A MULTI-ELEMENT WORK PIECE HELD TOGETHER BY A RIVET AND A METHOD OF MAKING THE SAME.

Applicant : ACCO WORLD CORPORATION, A DELAWARE CORPORATION OF 500 LAKE COOK ROAD DEERFIELD, ILLINOIS 60015, U.S.A.

Inventors :

1. EDWARD W. COOPER.
2. PETER DEWBERRY.

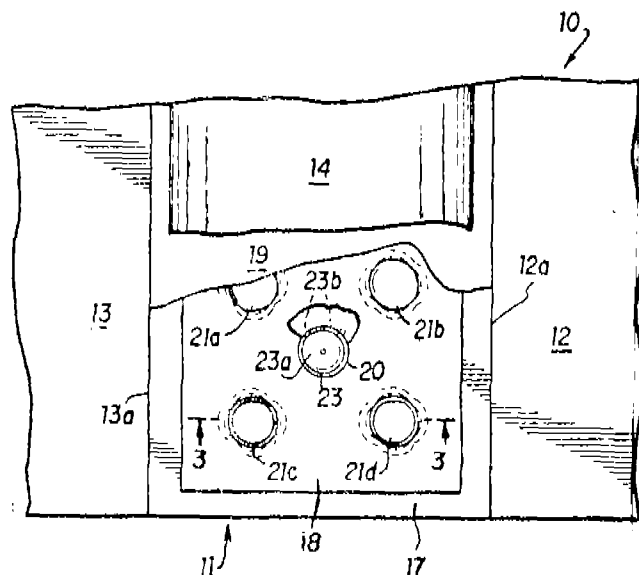
Application No. 602/Mas/89 filed on 11th August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), The Patent Office Branch, Madras-2.

5 Claims

A multi-element work piece held together by a rivet comprising (a) a layered base element having a layer adjacent to an adjacent element; (b) an anvil located in the base element forming a part of the said base element; (c) a rivet for fastening the said base element to the said adjacent element, having a head, a stem, and a reformable end opposite the

head; (d) an opening in the said adjacent element for engaging the said rivet head when the deformable end is deformed against the anvil to grip the said base element.



(Compl. Specn. 9 pages;

Drw. 3 sheets)

Ind. Cl. : 107 C, G

174981

Int. Cl. : F 02 B 33/14.

STEPPED PISTON ENGINE.

Applicant & Inventor: **BERNARD HOOPER, A BRITISH SUBJECT, OF HIGH WOODLAND, LITTLE GAIN, HILTON, NR BRIDGNORTH, SHROPSHIRE WV15 5PA, UNITED KINGDOM.**

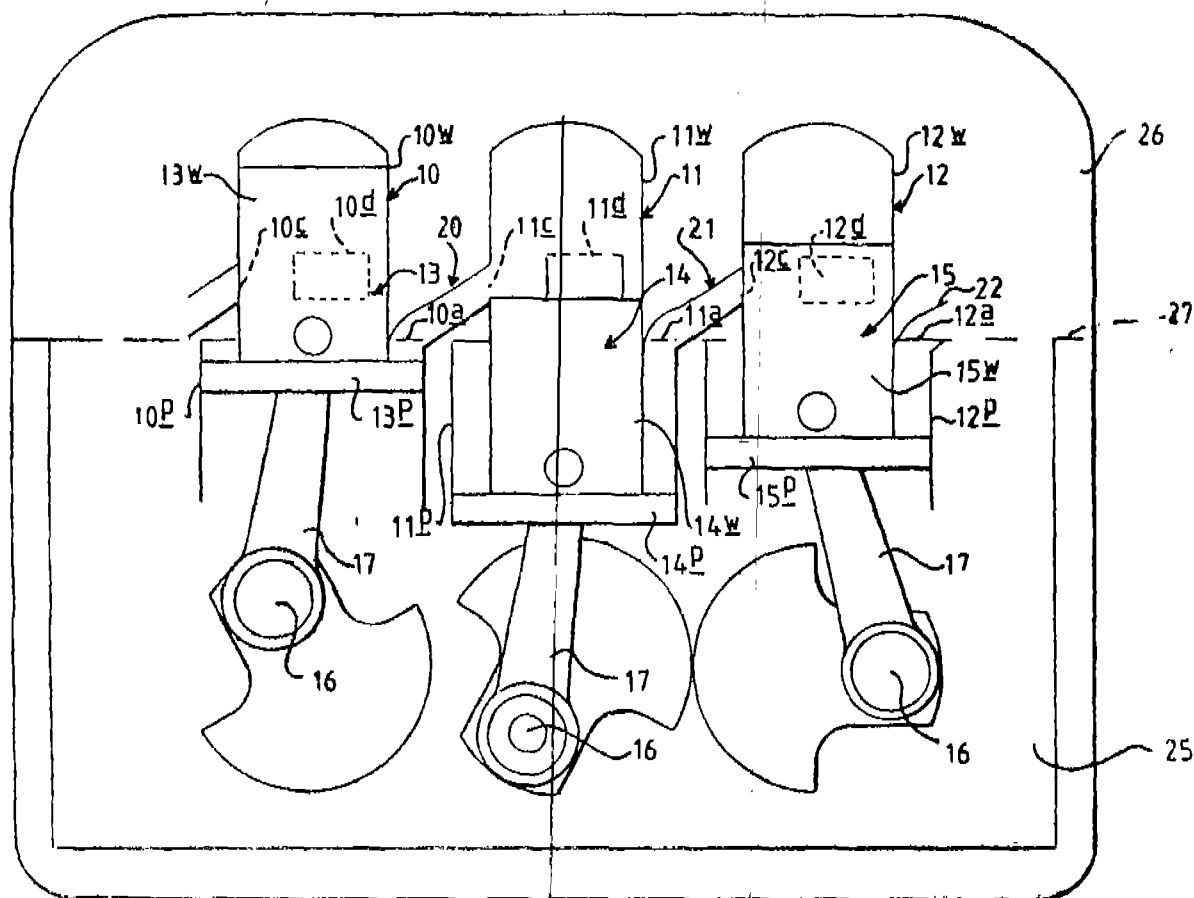
Application No. 192/MAS/90 filed on 15th March 1990.

Convention dated 18-3-1989; No. 89062278.0 (UK).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, Madras.

18 Claims

A stepped piston engine comprising first, second and third stepped cylinders, each cylinder having a larger diameter pumping part, and a smaller diameter working part, and a piston slidable in the cylinder, each piston being coupled to an output shaft of the engine, first transfer passage means to transfer precompressed charge from the larger diameter pumping part of the first cylinder to the smaller diameter working part of the second cylinder, second transfer passage means to transfer precompressed charge from the larger diameter pumping part of the second cylinder to the smaller diameter working part of the third cylinder, and third transfer passage means to transfer precompressed charge from the larger diameter pumping part of the third cylinder to the smaller diameter working part of the first cylinder, the first, second and third transfer passage means each having volumes within a variation of 25% of each other, each of the first, second and third transfer passage means comprising an inlet passage part which extends from the respective larger diameter pumping part to a main passage part from which at least two branches extend, each branch communicating with the respective smaller diameter working part, the combined lengths of the main passage part, the branches and the inlet passage part for each of the transfer passage means, being substantially equal.



(Compl. Specn. 15 pages;

Drw. 3 sheets)

Ind. Cl. : 127 D & 127 G.

174982

Int. Cl.⁴ : F 16 H 3/48.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rule 1972) The Patent Office Branch, Madras-600002.

"BALANCED FREE-PLANET DRIVE MECHANISM"

Applicant : CATERPILLAR INC OF 100 N E ADAMS STREET, PEORIA, ILLINOIS 61629-6490 U.S.A. A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE.

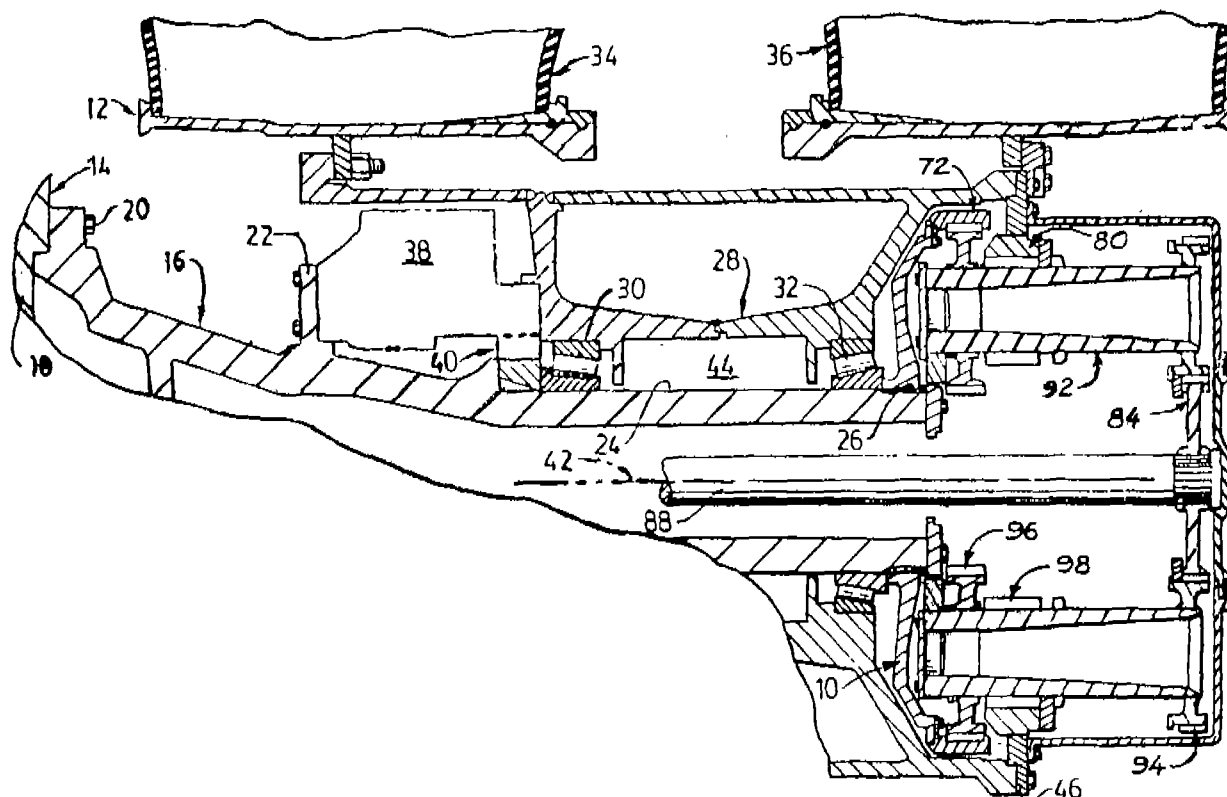
Inventors : 1. BENNETT WUERFEL AVERY. 2. WILLIAM KARL ENGEL.

Application No. 43/Mas/90 filed on 16th January 1990.

Convention Application No. 605 924/18th July 1989. (Canada)

Claims 31

A balanced free-planet drive mechanism comprising; a hollow support assembly; a ground-engaging wheel rotatably mounted on the said support assembly along a central axis; a reaction ring gear connected to the support assembly; an output ring gear connected to the wheel; an input sun gear arranged along the axis; a plurality of floating planet elements individually having an axially outer gear intermeshed with the sun gear, an axially inner gear intermeshed with the reaction ring gear and an axially intermediate gear intermeshed with output ring gear and rolling ring means for limiting radial inward movement of the planet elements, the rolling ring means being substantially concentrically disposed on the central axis.



(Comp. Specn. 29 Pages

Drngn. 4 sheets)

Ind. Cl. : 40 A 1

174983

Int. Cl.⁴ : B 01 J 19/00.**REACTOR FOR EXOTHERMIC HETEROGENEOUS CATALYTIC SYNTHESIS :**

Applicant : AMMONIA CASALE S.A. OF VIA DELLA POSTA 4; CH-6900 LUNGANO; A SWISS COMPANY AND UMBERTO ZARDI, VIA LUNCINO 57, CH-6932 BREGANZONA; A SWISS CITIZEN.

Inventors : GIORGIO PAGANI, UMBERTO ZARDI

Application No. 902/MAS/89 filed on 7th December, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, Madras.

Claims 4

A reactor for exothermic heterogeneous catalytic synthesis under pressure, and more particularly for the catalytic synthesis of ammonia, methanol and the like, comprising an

outer shell, an internal airspace-forming cartridge, a plurality of catalyst beds contained within substantially annular shaped baskets having a substantially centrally located opening, means to adjust and transfer reaction heat, wherein the airspace-forming cartridge is structurally independent from the catalyst baskets; at least an uppermost basket rests on an intermediate basket which in turn rests on a packing ring integral with said cartridge, the bottoms of said uppermost and intermediate baskets being inversely curved with respect to the reactor bottom; a first quench collector is located between the outer wall of said uppermost basket and the inside wall of said airspace-forming cartridge; a second quench collector is located in the centrally located opening of said intermediate catalyst bed; a gas/gas heat exchanger is placed in the centrally located opening of the catalyst bed closest to an outlet of the hot reacted gases.

(Comp. Specn. : 11 pages;

Drngs. : 2 sheets)

Ind. Cl. : 69 G,I,J

174984

Int. Cl.⁴ : H 02 B 1/08 H 01 H 9/00.**A COMBINED VARIABLE RESISTANCE AND SWITCH/SENSOR.**

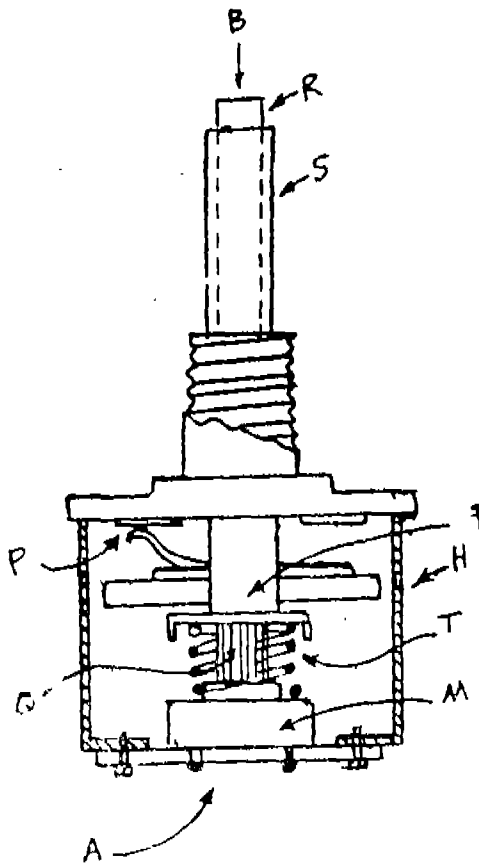
Applicant & Inventor : THRITHALA KIZHAKKEKALAM MEENAKSHI KUTTY 22, 8th MAIN ROAD, KASTURBA NAGAR, ADYAR, MADRAS-600 020, TAMIL NADU, INDIA, INDIAN NATIONAL.

Application No. 592/MAS/89 filed on 9th August, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, Madras.

claims 9

A combined variable resistance and switch/sensor comprising a potentiometer accommodated in a housing and provided with a hollow stem protruding out of the housing for varying the resistance, characterised by a push rod slidably located in the hollow stem, with its first end protruding out of the stem and its second end spring-loaded and disposed within the housing; a push-button switch accommodated within the housing, the push-button of said switch being positioned adjacent the second end of the push rod.



(Comp. spec.—9 pages;

Drgs.—one sheet)

Ind. Cl. : 167 C

174985

Int. Cl.⁴ : G 01 n 21/62.**"APPARATUS FOR SORTING DIAMONDS"**

Applicant : GERMAN ESTABLISHMENT OF STAEDTLE 36 9490 VADUZ LIECHTENSTEIN A LIECHTENSTEIN COMPANY.

Inventors 1. MARTIN PHILLIP SMITH.

2. ANDREW DAVID GARRY STEWART

3. PAUL MARTIN SPEAR.

4. MARTIN COOPER.

5 CHRISTOPHER MARK WEIBOURN.

Application No. 358/Mas/89 filed on 8th May 1989

Convention Application No. 8810723.0 filed on 6th May 88. No. 8816157.5 filed on 7th July 89 No. 8826225.8 filed on 9th Nov 88 (G. BRITAIN) No. 8906853.0 filed on 23rd March 89.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rule 1972) The Patents office Branch, Madras. 2.

claims 4

Apparatus for sorting diamonds or other specific luminescing minerals from ore particles distributed over a feed path whose width is capable of accommodating a number of the particles, in association with means for irradiating a line across said feed path in order to excite luminescence in the diamonds or other luminescing minerals, the apparatus comprising.

detecting means for detecting luminescence emitted by a diamond or other luminescing mineral anywhere on said line or anywhere on an extended part of said line, the detecting means responsive to the location from which the luminescence is emitted.

scanning means for scanning the response of the detecting means and

means for identifying the location of a diamond or other luminescing mineral from the position of the scan at the instant of detection of the emitted luminescence.

(Comp. Spec. 10 pages

Drgs. 1 sheet)

Ind. Cl. : 126 A, C, D 65 B-2.

174986

Int. Cl.⁴ : H 01 F—40/06**A DEVICE FOR SENSING AND MEASURING ELECTRIC CURRENT.**

Applicant : Liaisons Electroniques-Mecaniques Lem S A of 8, chemin des Aulx, 1228 Plan-les-Quates, Switzerland; a Swiss Company.

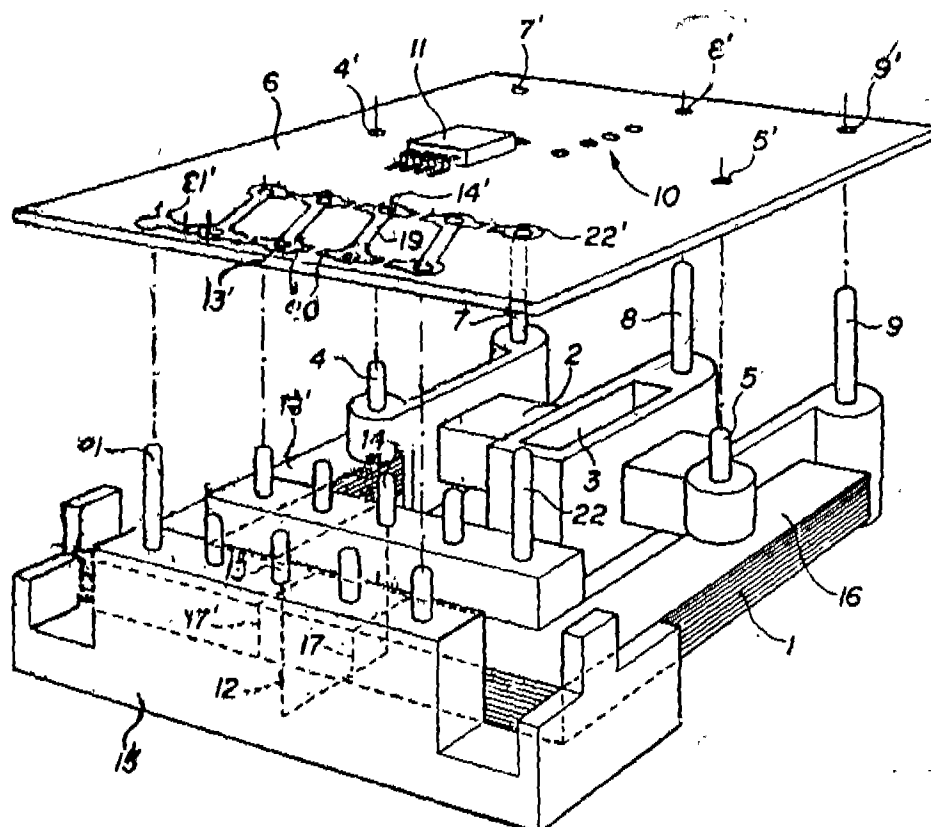
Inventors : PIERRE CATTANEO CLAUDE GUDIEL.

Application No. 689/MAS/89 filed on 15th September, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

claims 8

A device for sensing and measuring electric current flowing in at least one primary conductor and/or for producing an image of this current, comprising at least one magnetic circuit, coupled with the said primary conductor, and a means for detecting or measuring the magnetic flux in the said circuit, said primary conductor comprising a number of conductor portions, of which each one partially surrounds a section of the said magnetic circuit and which at their ends form pins for connection to a printed circuit, said printed circuit having conductor elements connecting certain of the said pins together and to form with the said conductor portions at least one primary winding having a chosen number of turns.



(Comp. specn. : 14 pages;

Drgs. : 3 sheets)

Ind. Cl. : 39-L

174987

Int. Cl.-C 01 F 7/02

PROCESS FOR PRODUCING ALUMINA FROM GIBBSITIC BAUXITES.

Applicant : MAGYAR ALUMINTUMPARI TRSZT. A BODY CORPORATE ORGANISED UNDER THE LAWS OF HUNGARY OF 56. POZSONYI UT. BUDAPEST XIII, HUNGARY.

Inventors : (1) GYORGY BANVOLGYI

(2) JOZSEF ZOLDI

(3) PETER SIKLOSI

(4) ISTVAN SAJO

(5) IVAN FEHER

(6) ILDIKO TASSY NEE VARJU

(7) TIBOR FERENCSEI

(8) ANNA CSORDA TOTH

Application No. 763/MAS/89 filed October 17, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

claims 9

A process for producing alumina from gibbsitic bauxites by mixing the bauxites with at least 10% of a sodium hydroxide-sodium aluminate digestion liquor having a low silica content of less than 1 g/l and having an alumina content characterized by the A/C ratio of the digestion liquor less than 0.45, meanwhile the caustic soda concentration is between 150 and 300 g/l, optionally holding the resulting slurry at temperature of 80 to 100°C, digesting the bauxites in said liquor at a temperature in the range of 100–180°C, diluting the resulting slurry, separating the red mud therefrom, optionally adding sodium hydroxide-sodium aluminate

digestion liquor having an A/C ratio of less than 0.38 to the digested slurry during its dilution, during the red mud separation or washing of the red mud, precipitating alumina hydrate through cooling and agitation, at a temperature in the range of 50 and 80°C and calcining the reactive hydroxide ion concentration defined by the formula.

$$AH=34 \left[\left(\frac{^{\infty}Al_2O_3}{gi} - ^{\infty}Al_2O_3 \right) / 102 \right] - (^{\infty}SiO_2 / 60)$$

in which $^{\infty}Al_2O_3$, gi is the equilibrium solubility of Al_2O_3 , for gibbsite, in g/l

$^{\infty}Al_2O_3$ is the actual concentration of Al_2O_3 , in g/l and

$^{\infty}SiO_2$ is the actual concentration of SiO_2 , in g/l, in the liquid phase of the slurry at the outlet of the digestion reactor is maintained between 0.6 g/l by controlling the ratio of the bauxite to the digestion liquor.

(Com. — 30 pages)

Ind. Cl. : 170 B

174988

Int. Cl. : C 09 K 3/14.

"A PROCESS FOR PRODUCING CERAMIC ABRASIVE GRAINS"

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, U.S.A. OF 3 M CENTER SAINT PAUL, MINNESOTA 55144 U.S.A.

Inventors : I. MARY LOU MORRIS ? THOMAS E. WOOD.

Application No. 824/Mas/89 filed on 7th November '89

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) The Patent Office Branch, Madras, 600 002.

claims 8

A process for producing ceramic abrasive grains, comprising the steps of : (a) preparing a dispersion of alpha alumina monohydrate particles; (b) seeding said dispersion with crystalline iron oxide particles; (c) gelling said dispersion by any conventional technique such as herein described; (d) drying the seeded gelled dispersion to form a solid; (e) calcining the solid between 400°C and 800°C; (f) crushing the dried or calcined solid to form particles; and (g) singering the calcined particles between 1000°C and 1650°C, wherein said crystalline iron oxide particles have an average particles size of less than 150 nm and said seeding is achieved by adding said crystalline iron oxide particles to said dispersion and the amount of said iron oxide is from 0.05% to 10% by weight based on the weight of the sintered abrasive grains.

(Comp. Spcn. 29 pages

Drgs. Nil)

Ind. Cl. : 172-D⁹

174989

Int. Cl.⁴ : B 65 H 54/22.

TAKEUP MACHINE FOR A CONTINUOUSLY ADVANCING YARN.

Applicant : BARMAG AG., OF LEVERKUSER STRASSE 65, D-5630 REMSCHEID-LENNEP, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : (1) REINHARD BEHRENS
(2) HANS-JOCHEN BUSCH
(3) ERICH LENK
(4) SIEGMAR GERHARTZ
(5) HERMANN WESTRICH

Application No. 891/Mas/89 filed on December 5, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972). Patent Office, Madras Branch.

20 Claims

Takeup machine for a continuously advancing yarn, comprising a rotatable chuck revolver (18), on which two winding spindles (5.1 and 5.2) are supported; a yarn traversing mechanism and a contact roll, which precede the chuck revolver (18) in the path of the yarn, the contact roll being in circumferential contact with the package forming on the winding spindle (operating spindle), and the distance between the axis of the contact roll and the axis of the winding spindle in operation being variable according to the increasing package diameter when the chuck revolver is rotated during a winding cycle, the contact roll (11) is supported on a support the support is movable in such a manner that the contact roll can perform a stroke movement with a radial component relative to the operating spindle (5.1) a predetermined force is operative on the contact roll (11) in the direction of movement of the support; the revolver is connected with a rotary drive which permits to drive the chuck revolver (18) in the meaning of increasing the distance between the axis of the contact roll (11) and the axis of the operating spindle (5.1); the rotary drive (33) is included in a control loop with a sensor (52) and a rotational controlling means (54); the sensor (52) picks up the stroke movement of the contact roll (11); and the rotary drive (33) is controllable in the control loop by the sensor as a function of a deviation between the desired position and the actual position of the contact roll in such a manner that the position of the contact roll remains unchanged in the course of a winding cycle, the chuck revolver (18) is rotatable by the rotary drive (33) in the same rotational direction as the winding spindle; the

yarn loops about the contact roll at an angle of more than 60° in a first direction the yarn loops about the packages resting against the contact roll in an opposite direction; related to the contacting plane between the axis of the chuck revolver and the axis of the contact roll, the operating spindle (5.1) is located on the side, to which the yarn advancing from the contact roll is directed.

(Compl. Spcn. 45 pages;

Drgns. 13 sheets).

Ind. Cl. : 85-R

174990

Int. Cl.⁴ : B 08 B 15/00

F 27 D 15/00.

A DEVICE FOR REMOVING EXHAUST GASES FROM VERTICAL SHAFT KILN AND A VERTICAL SHAFT KILN PROVIDED WITH THE SAID DEVICE.

Applicant & Inventor : K. SUNDARA MURTHY, AN INDIAN CITIZEN OF HEMADRI CEMENTS LTD., VEDADRI, JAGGAIAHPET, A P-521 438.

Application No. 358/Mas/90 filed on May 11, 1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules, 1972), Patent Office, Madras Branch.

6 Claims

A device for removing exhaust gases from vertical shaft kiln comprising a circular body made of segments having interspaces in between, the said circular body having at its outer periphery a hollow annular body, the said interspaces between segments establishing communication with the burning zone of the vertical shaft kiln when mounted and the annular hollow body, the said annular hollow body having an outlet connected to means for removing exhaust gases.

(Compl. Spcn. 10 pages;

Drgns. 1 sheet).

Cl.: 21 B

174991

Int. Cl. : A 43 B 3/24, 3/26, 7/28.

"A SHOE".

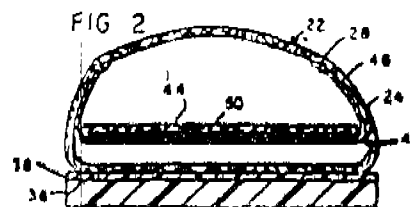
Applicant & Inventor : HENRI ELLIOT ROSEN, OF 229 COOLIDGE AVENUE, WATERTOWN, MASSACHUSETTS 02172, UNITED STATES OF AMERICA.

Application No. : 136/Cal/1990 filed on 13th February, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

34 Claims

A shoe comprising an at least partly deformable upper attached to a sole assembly so as to form a cavity into which a foot can be placed, characterised in that an adjustable inner assembly attached to at least said upper, said inner assembly having a deformable member which acts together with the said at least partly deformable upper to adjust the girth of the shoe in response to a force exerted thereon so as to fit feet of differing widths and girths.



(Compl. Spcn. 20 pages;

Drgns. 7 sheets).

Ind. Cl. : 32 E
152 E

174992

10 Claims

Int. Cl. : C 08 L 59/00, 61/00.

"A THERMOPLASTIC POLYACETAL COMPOSITION".

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors : (1) ERNEST RICHARD NOVAK
(2) LEONARD EDWARD RAYMOND KOSINSKI.

Application No. : 216/Cal/1990 filed on 15th March, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

26 Claims

A thermoplastic polyacetal composition consisting essentially of

- (a) 0.05-3 weight percent of at least one non-meltable polymer selected from the group consisting of polymers containing formaldehyde reactive hydroxyl groups such as herein described, polymers containing formaldehyde reactive nitrogen groups such as herein described and polymers containing both formaldehyde reactive hydroxyl groups and formaldehyde reactive nitrogen groups, provided that the atom in the backbone of the polymer to which the formaldehyde reactive groups are attached, directly or indirectly such as herein described are separated from each other, on average, by not more than twenty chain atoms, and further provided that the amount of the formaldehyde reactive nitrogen groups attached, directly or indirectly to the atoms such as herein described which are in the backbone of the polymers at least three times as great as the amount of formaldehyde reactive nitrogen groups present in the backbone of the polymer, and

- (b) 97-99.9 weight percent of at least one polyacetal polymer,

provided that the above-stated percentages are based on the total amount of components (a) and (b) only and further provided that the polymer of component (a) has a number average particle size in the composition of less than 10 microns.

(Compl Specn. 80 pages

Drgns. : Nil.

Ind. Cl. : 32 E
34 A

174993

Int. Cl. : C07D 209/48,
C08G 69/02, 73/10.

AN ORIENTED SHAPED ARTICLES SUCH AS FIBRE, FILM AND THE LIKE OF PULPABLE PARA ARAMID/META - ARAMID BLENDS".

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors : HUNG HAN YANG.

Application No. : 288/Cal/1990 filed on 6th April, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

An oriented, shaped article such as fibre, film and the like comprising a polymer blend having a first polymer phase of para aramid polymer with an inherent viscosity greater than 3 dl/g, said first phase comprising 60 to 99.8 weight percent of said shaped article and a second polymer phase of meta-aramid polymer with an inherent viscosity greater than 0.2 dl/g, said second phase comprising 0.2 to 40 weight percent of said shaped article and being present in the first phase in the form of generally discrete domains having a maximum cross-sectional dimension of about 1 micron, disclaiming the fibre, film and the like obtained by the process involving chemical reaction.

(Compl. Specn. 32 pages;

Drgns. 3 sheets.

CL : 127 B

174994

Int. Cl. : F 16 C 9/02.

"A DEVICE FOR DETECTION OF CRANKSHAFT CONDITION".

Applicant : M/s. DE GRUYTHER ENTERPRISES, OF 75, PARK STREET, CALCUTTA, WEST BENGAL, INDIA.

Inventors : MR. DARREL CHARLES LESLIE DE GRUYTHER.

Application No. : 304/Cal/1991; filed on 22nd April, 1991.

Complete specification left after provisional on 20-04-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

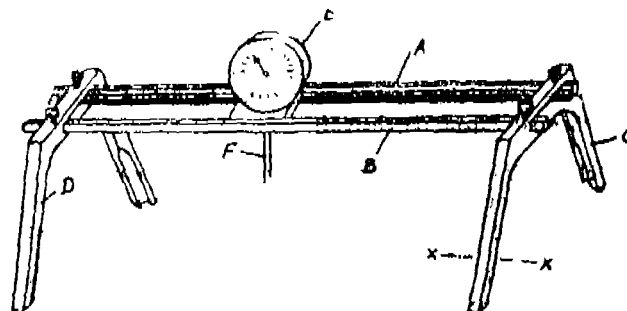
09 Claims

A device for detection of crankshaft condition comprising :

indicator means in the form of a dial gauge and sensing means which is a pin extending from under said dial gauge and operatively connected to said dial gauge,

said connection between the dial gauge and the pin comprising a threaded portion on a surface of the pin extending inside said dial gauge, said threaded portion being connected to a plurality of pinion wheels adapted to transform the to and fro vertical movement of the pin corresponding to the sensed crankshaft condition into rotary movement of an indicator provided in the dial gauge,

support means for slidably supporting said sensing means over the length of the crankshaft journal and such that the free end of said pin just rests over the surface of said crankshaft journal for condition detection.



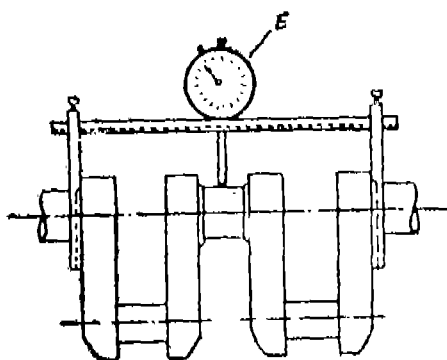


Fig. 3

(Compl. Specn. 13 pages;
(Prov. Specn. 07 pages;

Drgns 2 sheets).
Drgns. 3 sheets'.

CL : 151 D E G

174995

Int. Cl. : F 16 L 9/10
F 22 B 11/00.

"INSULATED PIPES/CONDUITS FOR CONVEYING A HIGH TEMPERATURE MATERIAL THERE-THROUGH".

Applicant : THE BEBCK & WILCOX COMPANY,
OF 1010 COMMON STREET, P. O. BOX 60035, NEW
ORLEANS, LOUISIANA 70160 UNITED STATES OF
AMERICA.

Inventors : DAVID LOWELL KRAFT.

Application No. : 506/Cal/1990; filed on 18th June,
1990.

Appropriate Office for Opposition Proceedings (Rule 4,
Patent Rules, 1972) Patent Office, Calcutta.

13 Claims

An insulated conduit for conveying a high temperature material therethrough comprising :

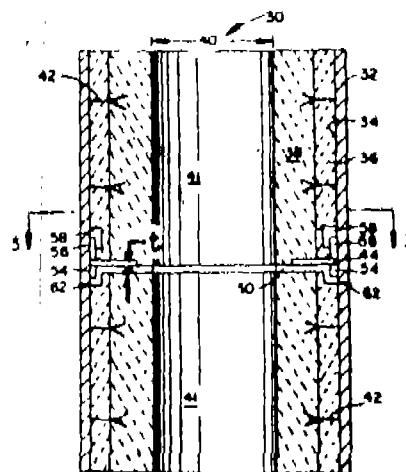
a shell having an internal surface;

a layer of insulating material located within the shell and forming an inner passage through which a high temperature material can be conveyed; and

a shelf engaged with the internal surface to support and insulating material within the shell against the force of gravity without restraining movement of the insulating material due to thermal expansion thereof;

characterised in that the shelf comprises a plurality of segments separated from one another by expansion gaps and supported by shear lugs attached to the internal surface; and

means such as herein described are provided to prevent rotation of the segments about the shear lugs.



(Compl Specn. 16 pages;

Drgns. 2 sheets-.

CL : 129 G

174996

Int. Cl. : F 15 D 1/12.

"BAFFLE PLATE THICKENER".

Applicant : MUNTERS EUROFORM GMBH, OF SUS-
TERFELDSTRASSE 65, 5100 AACHEN, FEDERAL
REPUBLIC OF GERMANY.

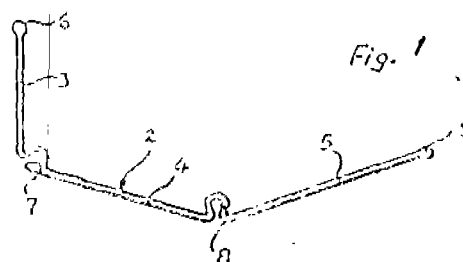
Inventors : MARTIN SCHULTZ.

Application No. : 662/Cal/1990 filed on 3rd August,
1990.

Appropriate Office for Opposition Proceedings (Rule 4,
Patent Rules, 1972) Patent Office, Calcutta.

7 Claims

The baffle plate thickener with a number of longitudinally stretched channel walls running parallel to each other and joined with each other at the longitudinal edge in each case, these channel walls form a number of longitudinally stretched flow channels which run parallel to each other and are directly adjacent to each other whereby the joint of a part of the channel walls results by the corresponding longitudinally stretched tongue and groove joints formed as slide joints and the channel walls are arranged in the honeycomb type hexagons characterised in that three (3, 4, 5- of the channel walls forming a hexagon are shaped one piece with each other in each case under the formation of a selvedge-shaped basic element (2) and the two end side channel wall edges are provided in each case with a groove or tongue (6, 9) and the two inner wall channel wall edges with the opposite joining element.

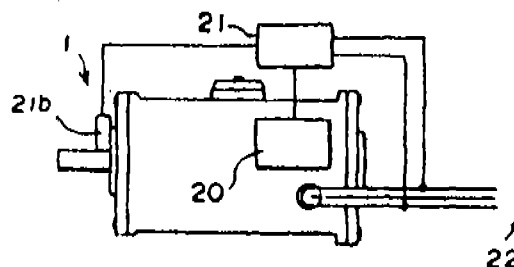
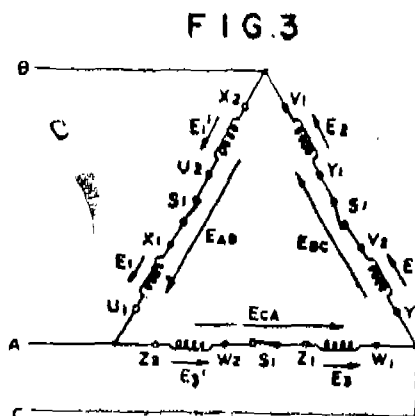
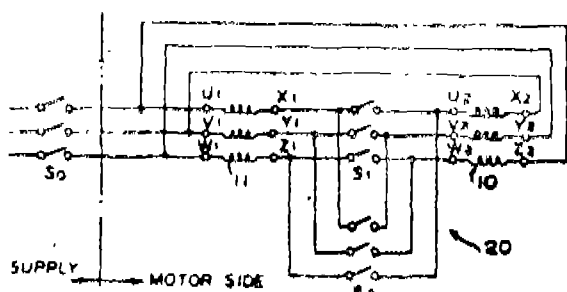
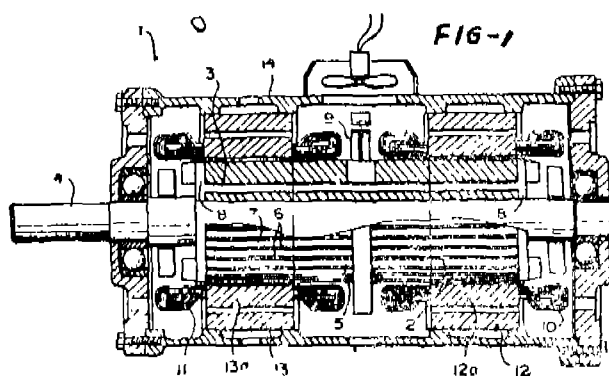


the rotational magnetic fields around said first rotor core (2) generated by said first stator (12) and the rotational magnetic fields around said second rotor core (3) generated by said second stator (13), characterized in that said phase changing means (20) comprises:

a first-connection changing switch (S_1), disposed between the stator windings of said first stator (12) and the stator windings of said second stator (13), for making the inter-connection of said respective stator windings (10, 11) a series Δ connection in which said phase difference is 0° when it is in its closed state; and

a second-connection changing switch (S_2), disposed between the stator windings of said first stator (12) and the stator windings of said second stator (13), for making the inter-connection of respective stator windings a series Δ connection in which said phase difference is 120° when it is in its closed state,

at least one of said first switch (S_1) and said second-switch (S_2) being adapted to be always closed during the motor operation.



(Compl. Specn. 23 pages;

Drgs. 6 sheets)

Cl.: 133 A

175000

Int. Cl.: H 02 P 7/00.

INDUCTION MOTOR.

Applicant: SATAKE ENGINEERING CO., LTD. OF 7-2, SOTOKANDA 4 CHOME CHIYODA-KU, TOKYO 101, JAPAN.

Inventors: TOSHIHIKO SATAKE AND YUKIO ONOGL.

Application No. 815/CAL/1990 filed on 20 September 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Calcutta.

10 Claims

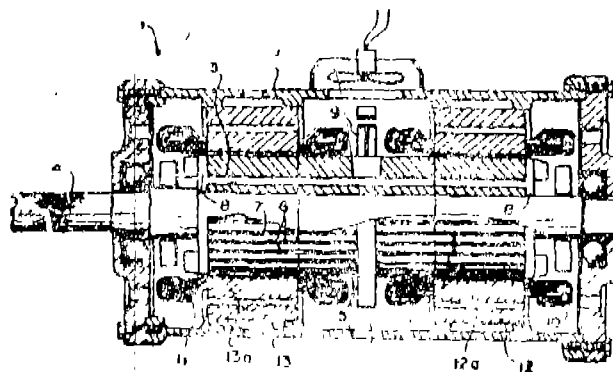
An induction motor (1) comprising:

a single rotor (7) formed in one-piece having a first and a second rotor core (2, 3) axially mounted on a common axis with an airspace or a non magnetic portion (5) being provided between said two rotor cores and having on said two rotor cores a plurality of rotor conductive members (6) extending therethrough;

a first and a second stator (12, 13) disposed side by side and surroundingly facing said respective rotor cores (2, 3), said first and second stator having a first and a second stator core (12a, 13a) on which a plurality of windings (10, 11) of polyphase being wound, said plurality of polyphase windings of said first and second stators being interconnected so as to form a series Δ connection; and

a phase changing means (20) having short circuiting switches (S_1, S_2) disposed respectively between series junction nodes of said respective stator windings of different phases of said first and second stators, for varying the phase difference between the rotational magnetic fields around said first rotor core generated by said first stator and the rotational magnetic fields around said second rotor core generated by said second stator by the operation of said short-circuiting switches.

FIG. 1



- Class 1. No. 167983, Ravissant, a division of vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi-110019, India, "FRUIT DISH", 24th August 1994.
- Class 1. No. 167167, Sah Industrial Research Institute, Sa 15/171, Gautam Buddha, Rajpath, Sarnath, Varanasi 221007, U.P., India, "FRESH AIR FAN", 7th April 1994.
- Class 1. No. 168014, Ravissant, a division of vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi 110019, India, "NUT BOWL", 26th August 1994.
- Class 1. No. 168006, Ravissant, a division of vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi 110019, India, "FLOWER VASE", 26th August 1994.
- Class 1. No. 168012, Ravissant, a division of vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi 110019, India, "MILK POT", 26th August 1994.
- Class 1. No. 168013, Ravissant, a division of vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi 110019, India, "ICE BUCKET", 26th August 1994.
- Class 1. No. 168015, Ravissant, a division of vishal (P) Limited, an Indian Company, 24 Nehru Place, New Delhi 110019, India, "PERFUME BOTTLE", 26th August 1994.
- Class 1. No. 167162, The Jay Engineering Works Ltd., an Indian Company, 23 Kasturba Gandhi Marg, New Delhi 110001, India, "SEWING MACHINE", 6th April 1994.
- Class 1. No. 166644, The Jay Engineering Works Ltd., an Indian Company, 23 Kasturba Gandhi Marg, New Delhi 110001, India, "CEILING FAN", 3rd January 1994.
- Class 1. No. 166751, Bajaj Auto Limited, Akurdi, Pune 411035, Maharashtra, India, an Indian Company, "SILENCER", 25th January 1994.
- Class 1. No. 166756, Bajaj Auto Limited, Akurdi, Pune 411035, Maharashtra, India, an Indian Company, "REAR MUDGUARD TAIL LAMP & BLINKER ASSEMBLY OF MOTORCYCLE", 25th January 1994.
- Class 1. No. 167354, Nortech India Limited, E 9, MIDC Waluj Industrial Area, Waluj 431113, Dist. Aurangabad, Maharashtra, India, "PRINTED SHEET", 3rd May 1994.
- Class 1. No. 167168, Sah Industrial Research Institute, Sa 15/171, Gautam Buddha, Rajpath, Sarnath, Varanasi 221007, U.P., India, Indian Registered under Societies Registration Act, 1860 through Director, "FRESH AIR FAN", 7th April 1994.
- Class 1. No. 166657 to 166659, Kanin India, Focal Point, Ludhiana 10, Punjab, India, an Indian partnership firm, "STAPPLERS", 3rd January 1994.
- Class 1. No. 167451, Tatan Industries Ltd., a company registered under the Companies Act, 1956, whose address is Golden Enclave, Tower 'A', Airport Road, Bangalore 560017, Karnataka, India, "WRIST WATCH", 10th May 1994.

- Class 1. No. 167471, Stitchwell Qualitex No. 15, G 58, Sector 6, Noida Gaziabad, India, "CHAIN BLAD", 1994.
- Class 1. No. 167026, Singer India Limited, an Indian company registered under the Companies Act of 3, Devika Tower, 6 Nehru Place, 110019, India, "A STEAM IRONING", 17th March 1994.
- Class 1. No. 167140, Chinara Trust, through its trustee Dongre, C 37 Connaught Place, New Delhi 110001, India, "ELECTRIC IRON", 31st March 1994.
- Class 1. No. 166699, Sun Oil Co. Pvt. Ltd. of 10B 1, Indian Street, Calcutta 69, W. Bengal, India, "CONTAINER", 14th January 1994.

Copyright extended for the 2nd period of five years

Numbers: 158951, 159874, 164995, 160711 & 160712, 158360, 158361, 160288, 163897, 163639, 163640, 163641, 163644 to 646, 164972 to 976, 165117 to 119, 165115, 160934, 160336, 160939, 164834, 164883, 165360, 166376, 166377, 159998, 158979, 159375, 160485, 160503, 165222, 160860, 161107, 156981, 164692, 160496, 160389, 165928 to 933, 161688, 161688 to 691, 161111, 161112, 165474, 160590, 160591, 160598, 160599, 161700, 161709 to 711, 161726 to 730, 166144, 165616, 158735, 166442, 166051 & 052, 154355, 162494, 165881, 165520, 165459, 165460, 159943, 164362, 165558, 166599, 166561, 160876, 166080, 160351, 163579, 163582, 166315, 154628, 154635, 165642, 166120, 166121, 166126, 166127, 166124, 166122, 166123, 166311, 160327 to 160328, 164941, 166426, 164885, 162499, 154767, 154769, 154777, 165461, 161518, 163580, 165204, 165219, 161472, 165919, 161673, 160996, 153049, 153050, 161461, 161462, 161463, 161464, 161265, 161254, 161770, 164820.—Class I

Numbers: 160262 to 160273, 160392 & 160393, 160172 & 160173.—Class 10.

Numbers: 160274 to 160285, 160394 to 160395, 150934 to 150939, 160169 to 160171.—Class 3.

Copyright extended to the 3rd period of five years

Numbers: 158188, 164270, 164271, 153197, 153209, 153201, 153202, 159469, 159470 to 159472.—Class 3.

R. A. ACHARYA

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